

# 850 Purchase Order

Functional Group ID=**PO**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

## Notes:

*1. This transaction set is used to issue a Telecommunication Order (TO) which establishes a Communication Services Authorization (CSA). If buyer initiated changes need to be made to the TO or CSA, use the Purchase Order Change Request - Buyer Initiated, 860 transaction set. Seller requested changes are initiated using the Purchasing Order Change Acknowledgment/Request - Seller Initiated, 865 transaction set.*

*2. This transaction set makes use of two external code lists: The Federal EDI Coding Manual, Federal Procurement Code List 1; and the Defense Telecommunication Code List (DTCL). The Federal EDI Coding Manual, Procurement Code List 1 can be found at <http://www.fedebiz.gov>, under Resources, Related Documents. The Defense Telecommunication Code List can be found at <http://www.disa.mil/pubs/index.html> under DITCO Publications.*

*3. Within this implementation convention, the phrase "use in conjunction with" indicates a requirement to transmit specified codes, data elements or segments, when the code data element or segment associated with the phrase is present. If this requirement is multi-directional, the phrase will appear in all applicable locations. The phrase is not used when the X12 syntax mandates this requirement.*

## Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
8	010	ST	Transaction Set Header	M	1		
9	020	BEG	Beginning Segment for Purchase Order	M	1		
12	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
Not Used	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Sales Requirements	O	5		
Not Used	115	TC2	Commodity	O	>1		

## 850T Purchase Order (Telecommunications)

LOOP ID - SAC			25	
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O 1
Not Used	125	CUR	Currency	O 1
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O >1
Not Used	140	DIS	Discount Detail	O 20
Not Used	145	INC	Installment Information	O 1
Not Used	150	DTM	Date/Time Reference	O 10
Not Used	160	LDT	Lead Time	O 12
Not Used	180	LIN	Item Identification	O 5 n1
Not Used	185	SI	Service Characteristic Identification	O >1
Not Used	190	PID	Product/Item Description	O 200
Not Used	200	MEA	Measurements	O 40
Not Used	210	PWK	Paperwork	O 25
Not Used	220	PKG	Marking, Packaging, Loading	O 200
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O 2
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O 12
Not Used	250	TD3	Carrier Details (Equipment)	O 12
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O 5
Not Used	270	MAN	Marks and Numbers	O 10
Not Used	276	PCT	Percent Amounts	O >1
Not Used	280	CTB	Restrictions/Conditions	O 5
Not Used	285	TXI	Tax Information	O >1
LOOP ID - AMT			>1	
15	287	AMT	Monetary Amount	O 1
16	289	REF	Reference Identification	O >1
Not Used	290	DTM	Date/Time Reference	O 1
Not Used	292	PCT	Percent Amounts	O >1
LOOP ID - FA1			>1	
18	293	FA1	Type of Financial Accounting Data	O 1
19	294	FA2	Accounting Data	M >1
LOOP ID - N9			1000	
22	295	N9	Reference Identification	O 1
Not Used	297	DTM	Date/Time Reference	O >1
26	300	MSG	Message Text	O 1000
LOOP ID - N1			200	
28	310	N1	Name	O 1
30	320	N2	Additional Name Information	O 2
31	330	N3	Address Information	O 2
32	340	N4	Geographic Location	O >1
Not Used	345	NX2	Location ID Component	O >1
Not Used	350	REF	Reference Identification	O 12
33	360	PER	Administrative Communications Contact	O >1
Not Used	365	SI	Service Characteristic Identification	O >1
Not Used	370	FOB	F.O.B. Related Instructions	O 1

# 850T Purchase Order (Telecommunications)

Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	420	PKG	Marking, Packaging, Loading	O	200
LOOP ID - LM					>1
36	430	LM	Code Source Information	O	1
37	440	LQ	Industry Code	M	>1
LOOP ID - SPI					>1
Not Used	450	SPI	Specification Identifier	O	1
Not Used	460	REF	Reference Identification	O	5
Not Used	470	DTM	Date/Time Reference	O	5
Not Used	480	MSG	Message Text	O	50
LOOP ID - N1					20
Not Used	490	N1	Name	O	1
Not Used	500	N2	Additional Name Information	O	2
Not Used	510	N3	Address Information	O	2
Not Used	520	N4	Geographic Location	O	1
Not Used	530	REF	Reference Identification	O	20
Not Used	540	G61	Contact	O	1
Not Used	550	MSG	Message Text	O	50
LOOP ID - CB1					>1
Not Used	560	CB1	Contract and Cost Accounting Standards Data	O	1
Not Used	570	REF	Reference Identification	O	20
Not Used	580	DTM	Date/Time Reference	O	5
Not Used	590	LDT	Lead Time	O	1
Not Used	600	MSG	Message Text	O	50
LOOP ID - ADV					>1
Not Used	610	ADV	Advertising Demographic Information	O	1
Not Used	620	DTM	Date/Time Reference	O	>1
Not Used	630	MTX	Text	O	>1

## Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1							100000
38	010	PO1	Baseline Item Data	M	1		n2
Not Used	015	LIN	Item Identification	O	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
Not Used	020	CUR	Currency	O	1		
42	025	CN1	Contract Information	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
LOOP ID - CTP							>1

## 850T Purchase Order (Telecommunications)

Not Used	040	CTP	Pricing Information	O	1	
Not Used	043	CUR	Currency	O	1	
Not Used	045	PAM	Period Amount	O	10	
43	049	MEA	Measurements	O	40	
LOOP ID - PID					1000	
47	050	PID	Product/Item Description	O	1	
Not Used	060	MEA	Measurements	O	10	
49	070	PWK	Paperwork	O	25	
Not Used	090	PO4	Item Physical Details	O	>1	
Not Used	100	REF	Reference Identification	O	>1	
Not Used	110	PER	Administrative Communications Contact	O	3	
LOOP ID - SAC					25	
53	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	135	CUR	Currency	O	1	
Not Used	137	CTP	Pricing Information	O	1	
Not Used	140	IT8	Conditions of Sale	O	1	
Not Used	142	CSH	Sales Requirements	O	>1	
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	160	DIS	Discount Detail	O	20	
Not Used	165	INC	Installment Information	O	1	
Not Used	170	TAX	Tax Reference	O	>1	
56	180	FOB	F.O.B. Related Instructions	O	>1	
Not Used	190	SDQ	Destination Quantity	O	500	
Not Used	200	IT3	Additional Item Data	O	5	
59	210	DTM	Date/Time Reference	O	10	
Not Used	235	TC2	Commodity	O	>1	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
61	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
63	276	PCT	Percent Amounts	O	>1	
Not Used	280	MAN	Marks and Numbers	O	10	
Not Used	289	MSG	Message Text	O	>1	
64	290	SPI	Specification Identifier	O	>1	
Not Used	291	TXI	Tax Information	O	>1	
Not Used	292	CTB	Restrictions/Conditions	O	>1	
LOOP ID - QTY					>1	
66	293	QTY	Quantity	O	1	
Not Used	294	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH					200	
Not Used	295	SCH	Line Item Schedule	O	1	n3
Not Used	296	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	

## 850T Purchase Order (Telecommunications)

Not Used	298	TD3	Carrier Details (Equipment)	O	12
Not Used	299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	300	REF	Reference Identification	O	>1
LOOP ID - PKG					200
Not Used	305	PKG	Marking, Packaging, Loading	O	1
Not Used	310	MEA	Measurements	O	>1
Not Used	320	LS	Loop Header	O	1
LOOP ID - LDT					>1
Not Used	321	LDT	Lead Time	O	1
Not Used	322	QTY	Quantity	O	>1
Not Used	323	MSG	Message Text	O	1
Not Used	324	REF	Reference Identification	O	3
LOOP ID - LM					>1
Not Used	325	LM	Code Source Information	O	1
Not Used	326	LQ	Industry Code	M	>1
Not Used	327	LE	Loop Trailer	O	1
LOOP ID - N9					1000
68	330	N9	Reference Identification	O	1
Not Used	332	DTM	Date/Time Reference	O	>1
Not Used	335	MEA	Measurements	O	40
78	340	MSG	Message Text	O	1000
LOOP ID - N1					200
80	350	N1	Name	O	1
84	360	N2	Additional Name Information	O	2
85	370	N3	Address Information	O	2
86	380	N4	Geographic Location	O	1
87	383	QTY	Quantity	O	>1
Not Used	385	NX2	Location ID Component	O	>1
89	390	REF	Reference Identification	O	12
92	400	PER	Administrative Communications Contact	O	3
Not Used	405	SI	Service Characteristic Identification	O	>1
Not Used	406	DTM	Date/Time Reference	O	1
Not Used	410	FOB	F.O.B. Related Instructions	O	1
94	415	SCH	Line Item Schedule	O	200
Not Used	420	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	440	TD3	Carrier Details (Equipment)	O	12
Not Used	450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	460	PKG	Marking, Packaging, Loading	O	200
LOOP ID - LDT					>1
Not Used	462	LDT	Lead Time	O	1
Not Used	464	MAN	Marks and Numbers	O	10
Not Used	466	QTY	Quantity	O	5
Not Used	468	MSG	Message Text	O	1

# 850T Purchase Order (Telecommunications)

Not Used	469	REF	Reference Identification	O	3				
LOOP ID - SLN						1000			
Not Used	470	SLN	Subline Item Detail	O	1				
Not Used	475	MSG	Message Text	O	>1				
Not Used	480	SI	Service Characteristic Identification	O	>1				
Not Used	490	PID	Product/Item Description	O	1000				
Not Used	500	PO3	Additional Item Detail	O	104				
Not Used	505	TC2	Commodity	O	>1				
Not Used	513	ADV	Advertising Demographic Information	O	>1				
Not Used	515	DTM	Date/Time Reference	O	10				
Not Used	516	CTP	Pricing Information	O	25				
Not Used	517	PAM	Period Amount	O	10				
Not Used	518	PO4	Item Physical Details	O	1				
Not Used	519	TAX	Tax Reference	O	3				
LOOP ID - N9						>1			
Not Used	523	N9	Reference Identification	O	1				
Not Used	524	DTM	Date/Time Reference	O	>1				
Not Used	525	MSG	Message Text	O	>1				
LOOP ID - SAC						25			
Not Used	526	SAC	Service, Promotion, Allowance, or Charge Information	O	1				
Not Used	527	CUR	Currency	O	1				
Not Used	528	CTP	Pricing Information	O	1				
LOOP ID - QTY						>1			
Not Used	529	QTY	Quantity	O	1				
Not Used	530	SI	Service Characteristic Identification	O	>1				
LOOP ID - N1						10			
Not Used	535	N1	Name	O	1				
Not Used	540	N2	Additional Name Information	O	2				
Not Used	550	N3	Address Information	O	2				
Not Used	560	N4	Geographic Location	O	1				
Not Used	570	NX2	Location ID Component	O	>1				
Not Used	580	REF	Reference Identification	O	12				
Not Used	590	PER	Administrative Communications Contact	O	3				
Not Used	595	SI	Service Characteristic Identification	O	>1				
LOOP ID - AMT						>1			
96	600	AMT	Monetary Amount	O	1				
97	610	REF	Reference Identification	O	1				
Not Used	612	PCT	Percent Amounts	O	>1				
LOOP ID - LM						>1			
99	620	LM	Code Source Information	O	1				
100	630	LQ	Industry Code	M	>1				

## Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
102	010	CTT	Transaction Totals	O	1		n4
103	020	AMT	Monetary Amount	O	1		n5
104	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**Segment:** **ST** Transaction Set Header

**Position:** 010

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		850 Purchase Order	
M	ST02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.</i>	



**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

**Syntax Notes:**

**Semantic Notes:** 1 BEG05 is the date assigned by the purchaser to purchase order.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BEG01	353	<b>Transaction Set Purpose Code</b>	M ID 2/2
			Code identifying purpose of transaction set	
			<i>Use to identify the purpose of the transaction set.</i>	
		00	Original	
			<i>Use to indicate an original award instrument. When this code is used, changes to the award instrument can be only made with a Purchase Order Change Request - Buyer Initiated, 860 transaction set.</i>	
M	BEG02	92	<b>Purchase Order Type Code</b>	M ID 2/2
			Code specifying the type of Purchase Order	
		NE	New Order	
			<i>Use to indicate a Telecommunication Order (TO) for a new service.</i>	
M	BEG03	324	<b>Purchase Order Number</b>	M AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			<i>Use to identify the Telecommunication Order (TO) number. This number shall be transmitted without dashes.</i>	
	BEG04	328	<b>Release Number</b>	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
			<i>Enter the number of the Basic Agreement (BA) that contains the terms and conditions that are applicable to and are incorporated by reference in a Telecommunication Order (TO). This number is transmitted without dashes.</i>	
M	BEG05	373	<b>Date</b>	M DT 8/8
			Date expressed as CCYYMMDD	
			<i>Use, in conjunction with BEG03, to identify the date of the Telecommunication Order.</i>	

	<b>BEG06</b>	<b>367</b>	<b>Contract Number</b>	<b>O AN 1/30</b>
			Contract number	
			<i>Use, if applicable, in conjunction with BEG03, to identify the Communication Service Authorization (CSA) number. This number shall be transmitted without dashes.</i>	
	<b>BEG07</b>	<b>587</b>	<b>Acknowledgment Type</b>	<b>O ID 2/2</b>
			Code specifying the type of acknowledgment	
		AD	Acknowledge - With Detail, No Change	
			<i>Use to indicate receipt acknowledgment of this 850T transaction set is required. Acknowledgment shall be provided by electronic means, e.g., fax, email, EDI 855 TS, etc. Acknowledgement shall not be provided until such time as the Communication Services Authorization (CSA) number is available and MUST be provided in the acknowledgement.</i>	
		AT	Accepted	
			<i>Use to indicate that acceptance or rejection of this 850 transaction set is required. Acceptance or rejection shall be provided by electronic means, e.g., fax, email, EDI 855 TS, etc.</i>	
<b>Not Used</b>	<b>BEG08</b>	<b>1019</b>	<b>Invoice Type Code</b>	<b>O ID 3/3</b>
			Code defining the method by which invoices are to be processed	
	<b>BEG09</b>	<b>1166</b>	<b>Contract Type Code</b>	<b>O ID 2/2</b>
			Code identifying a contract type	
			<i>Use, in conjunction with BEG03, to identify the type of pricing arrangement applicable to the TO. If there are line items that have a different pricing arrangement, identify the predominant pricing arrangement, based on dollar value, in this data element and specify the line item pricing arrangement in the 2/CN1/025 segment of the 2/PO1/010 loop applicable to that line item. Both BEG09 and the 2/CN1/025 segment may be used in this transaction set.</i>	
		FR	Firm Fixed Price	
		FX	Fixed Price with Economic Price Adjustment	
	<b>BEG10</b>	<b>1232</b>	<b>Purchase Category</b>	<b>O ID 2/2</b>
			Code identifying the broad category of products or services being acquired	
			<i>Use this data element to identify what is being ordered, services or supplies. If both are being ordered under this 850, cite the code the specifies the predominant category being ordered.</i>	
		SP	Supplies	
		SV	Services	
<b>Not Used</b>	<b>BEG11</b>	<b>786</b>	<b>Security Level Code</b>	<b>O ID 2/2</b>
			Code indicating the level of confidentiality assigned by the sender to the	

<b>BEG12</b>	<b>640</b>	information following <b>Transaction Type Code</b>	<b>O ID 2/2</b>
		Code specifying the type of transaction	
		<i>Use to identify the urgency of the order, if applicable.</i>	
	15	Request with Immediate Response Required (No Follow-up)	
		<i>Use to indicate an "Emergency NS/EP" order.</i>	
	16	Request with Immediate Response Required (Follow-up Required)	
		<i>Use to indicate an "Essential NS/EP" order.</i>	
	34	Emergency Request	
		<i>Use to indicate an "Emergency" order.</i>	
	35	Short Notice Request	
		<i>Use to indicate an "Urgent" order.</i>	

**Segment:** **CUR** Currency

**Position:** 040

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

**Syntax Notes:**

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**

**Notes:**

1. Use this segment to identify the foreign currency in which the entire award instrument is issued. The default currency is always US dollars. Do not use this segment when the entire award instrument is issued in US dollars.
2. When this segment is used to identify the foreign currency in which the entire award instrument is issued (CUR01 is code BY), all monetary values in table 1 (header level), table 2 (detail level), and table 3 (summary level) shall be stated in the foreign currency identified in this segment. (Note: DoD applications always cite US dollars in the 1/AMT/287 and 2/AMT/600 segments when AMT01 is code KC).
3. When the entire award instrument is issued in a foreign currency, use also to identify the exchange rate between US dollars and the foreign currency.
4. This segment also may be used to identify the foreign currency in which payment is to be made (CUR01 or CUR04 is code PR), if the currency is different than the currency in which the entire award instrument is issued, when payment for all line items is to be made in the same foreign currency.

**Data Element Summary**

Ref.	Des.	Data Element	Name	Attributes
M	CUR01	98	Entity Identifier Code	M ID 2/3

Code identifying an organizational entity, a physical location, or an

			individual	
			BY	Buying Party (Purchaser) <i>Use to indicate the currency identified in CUR02 is the currency in which the award instrument is issued.</i>
			PR	Payer <i>Use to indicate the currency identified in CUR02 is the currency in which payment is authorized and will be made.</i>
M	CUR02	100	<b>Currency Code</b>	M ID 3/3 Code (Standard ISO) for country in whose currency the charges are specified <i>Use to identify the currency applicable to the code cited in CUR01.</i>
	CUR03	280	<b>Exchange Rate</b>	O R 4/10 Value to be used as a multiplier conversion factor to convert monetary value from one currency to another <i>When CUR01 is code BY, use to identify the exchange rate between US dollars and the currency in which the award is issued.</i>
	CUR04	98	<b>Entity Identifier Code</b>	O ID 2/3 Code identifying an organizational entity, a physical location, or an individual PR Payer <i>Use to indicate the currency identified in CUR05 is the currency in which payment is authorized and will be made.</i>
	CUR05	100	<b>Currency Code</b>	O ID 3/3 Code (Standard ISO) for country in whose currency the charges are specified <i>Use to identify the currency in which payment is authorized and will be made.</i>
Not Used	CUR06	669	<b>Currency Market/Exchange Code</b>	O ID 3/3 Code identifying the market upon which the currency exchange rate is based
Not Used	CUR07	374	<b>Date/Time Qualifier</b>	X ID 3/3 Code specifying type of date or time, or both date and time
Not Used	CUR08	373	<b>Date</b>	O DT 8/8 Date (YYMMDD)
Not Used	CUR09	337	<b>Time</b>	O TM 4/8 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

<b>Not Used</b>	<b>CUR10</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>X</b>	<b>ID 3/3</b>
<b>Not Used</b>	<b>CUR11</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>X</b>	<b>DT 8/8</b>
<b>Not Used</b>	<b>CUR12</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X</b>	<b>TM 4/8</b>
<b>Not Used</b>	<b>CUR13</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>X</b>	<b>ID 3/3</b>
<b>Not Used</b>	<b>CUR14</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>X</b>	<b>DT 8/8</b>
<b>Not Used</b>	<b>CUR15</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X</b>	<b>TM 4/8</b>
<b>Not Used</b>	<b>CUR16</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>X</b>	<b>ID 3/3</b>
<b>Not Used</b>	<b>CUR17</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>X</b>	<b>DT 8/8</b>
<b>Not Used</b>	<b>CUR18</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X</b>	<b>TM 4/8</b>
<b>Not Used</b>	<b>CUR19</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>X</b>	<b>ID 3/3</b>
<b>Not Used</b>	<b>CUR20</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>X</b>	<b>DT 8/8</b>
<b>Not Used</b>	<b>CUR21</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X</b>	<b>TM 4/8</b>

**Segment:** **AMT** Monetary Amount  
**Position:** 287  
**Loop:** AMT Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Notes:**

*Use this segment to specify the total amount of obligated funds for each accounting classification cited in the 1/FA1/293 loop. There must be an AMT segment transmitted, citing code KC in AMT01, and a 1/REF/289 segment with Code AX cited in REF01, for each accounting classification cited in the 1/FA1/293 loop of this award instrument.*

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount KC Obligated <i>Use to indicate the amount obligated against the line of accounting data cited in the 1/FA1/293 loop.</i>	M ID 1/3
M	AMT02	782	Monetary Amount Monetary amount	M R 1/18
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O ID 1/1

<b>Segment:</b>	<b>REF</b> <b>Reference Identification</b>
<b>Position:</b>	289
<b>Loop:</b>	AMT Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify identifying information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 REF04 contains data relating to the value cited in REF02.</li> </ol>
<b>Notes:</b>	<p><i>Use this segment to identify an Accounting Classification Reference Number (ACRN) applicable to the financial accounting data cited in the 1/FA1/293 loop. This ACRN can be cited in the 2/REF/610 segment in place of repeating the accounting data at the Detail level when it is necessary to associate the accounting data with an amount cited in the 2/AMT/600 segment.</i></p>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification AX Government Accounting Class Reference Number (ACRN)	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	X ID 2/3



			Code qualifying the Reference Identification	
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** **FA1** Type of Financial Accounting Data  
**Position:** 293  
**Loop:** FA1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

**Syntax Notes:**

**Semantic Notes:** 1 FA101 Identifies the organization controlling the assignment of financial accounting information.  
 2 FA102 Identifies the purpose of the accounting allowance or charge information.

**Notes:** *Use this loop to identify each line of accounting applicable to this award instrument.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
M	FA101	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
			<i>Use to indicate that the Organization whose line of accounting is cited in the following 1/FA2/294 segments, i. e., the Defense Information Technology Contracting Office (DITCO).</i>	
Not Used	FA102	1300	Service, Promotion, Allowance, or Charge Code	O ID 4/4
			Code identifying the service, promotion, allowance, or charge	
Not Used	FA103	248	Allowance or Charge Indicator	O ID 1/1
			Code which indicates an allowance or charge for the service specified	

**Segment:** **FA2 Accounting Data**  
**Position:** 294  
**Loop:** FA1 Optional  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** To specify the detailed accounting data  
**Syntax Notes:**  
**Semantic Notes:**  
**Notes:**

- 1. Use this segment to identify the various components of the line of accounting.*
- 2. Repeat this segment as many times as necessary to identify all the components of the line of accounting.*
- 3. This segment also can be used to send the LOA as 3 strings of data, using codes 18, L1 and ZZ.*

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		A1 Department Indicator	
			<i>Use to indicate the two position department code.</i>
		A2 Transfer from Department	
			<i>Use to indicate the two position transfer from department.</i>
		A3 Fiscal Year Indicator	
			<i>Use to indicate the eight position fiscal year. The first four positions represent the first year the funds are available and the last four positions represent the last year the funds are available. Example: Year one 1999, year two 2000 would be cited as "19992000".</i>
		A4 Basic Symbol Number	
			<i>Use to indicate the four position code (Basic Symbol Number) assigned by the Treasury that indicate the type of funds for appropriation.</i>
		A5 Sub-class	
			<i>Use to indicate the four position numeric suffix that identifies the subdivision of funds that restricts the amount or use of funds.</i>
		B2 Budget Sub-activity Number	
			<i>Use to indicate the Allotment Serial Number that</i>

			<i>indicates the distribution of funds.</i>	
B4			Program Year Indicator	
			<i>Use to indicate the one position Program Year.</i>	
C1			Program Element	
			<i>Use to indicate the "Cost Code".</i>	
C2			Project Task or Budget Subline	
			<i>Use to indicate the "Organizational Code".</i>	
F1			Object Class	
			<i>Use to indicate the Object Class, Element of Resource or the Element of Expense.</i>	
F3			Government or Public Sector Identifier	
			<i>Use to indicate "Within/Outside Government".</i>	
H1			Cost Code	
			<i>Use to indicate the Cost Code.</i>	
I1			Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)	
			<i>Use to indicate the shorthand elements of the accounting classification.</i>	
J1			Document or Record Reference Number	
			<i>Use to indicate the Standard Document Number.</i>	
L1			Accounting Installation Number	
			<i>1. Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.</i>	
			<i>2. This code is used whether or not the application can generate the individual components of the LOA. If the application cannot generate the individual components of the LOA, use this code in conjunction with codes 18 and ZZ.</i>	
P5			Foreign Military Sales (FMS) Line Item Number	
			<i>Use to indicate the FMS Case Number, Country Code, and FMS line number.</i>	

<b>M</b>	<b>FA202</b>	<b>1195</b>	<b>Financial Information Code</b>	<b>M AN 1/80</b>
			Code representing financial accounting information	

***Each component must be cited to its maximum length. Use spaces when the component is less than the maximum length for the component.***

<b>Segment:</b>	<b>N9 Reference Identification</b>
<b>Position:</b>	295
<b>Loop:</b>	N9 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To transmit identifying information as specified by the Reference Identification Qualifier
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N902 or N903 is required.</li> <li>2 If N906 is present, then N905 is required.</li> <li>3 If either C04003 or C04004 is present, then the other is required.</li> <li>4 If either C04005 or C04006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 N906 reflects the time zone which the time reflects.</li> <li>2 N907 contains data relating to the value cited in N902.</li> </ol>
<b>Notes:</b>	<p><i>1. Use this loop to identify clauses or a statement of work (SOW), that applies to the award instrument. If the clauses or SOW, varies by line item, use the 2/N9/330 segment.</i></p> <p><i>2. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.</i></p> <p><i>3. When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date of the alternate MUST be cited in the following MSG segment.</i></p> <p><i>4. This loop also may be used to specify the Purpose of the TSR. Cite code TOC in N901, Purpose of TSR in N903, and the text information the 1/MSG/300 segment.</i></p> <p><i>5. Additionally, this segment may be used to provide references that apply to the award instrument, e.g., Exercise Name, DCN Control Number, Telecommunication Service Priority (TSP) Authorization Code, the Telecommunication Service Request (TSR) number and , if applicable, associated TSR numbers that should be worked simultaneously with the current TSR.</i></p>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		73 Statement of Work (SOW)	
		ACE Service Request Number	
		<i>Use to indicate the Telecommunication Service Request (TSR) number applicable to this order.</i>	
		BB Authorization Number	

	<i>Use to indicate the National Communications System (NCS) Assigned Telecommunication Service Priority (TSP) Authorization Code.</i>
CJ	<p>Clause Number</p> <p><i>1. Use to indicate a Defense Information Technology Contracting Office (DITCO) clause.</i></p> <p><i>2. DO NOT use for a DITCO payment related clause. Use code H5 in that instance.</i></p>
DF	<p>Defense Federal Acquisition Regulations (DFAR)</p> <p><i>If the DFARS clause has a Modification, Variation or Deviation, identify that condition in N903 and provide the full clause text in the following MSG segment.</i></p>
FA	<p>Federal Acquisition Regulations (FAR)</p> <p><i>If the FAR clause has a Modification, Variation or Deviation, identify that condition in N903 and provide the full clause text in the following MSG segment.</i></p>
H5	<p>Special Clause</p> <p><i>1. Use this code to indicate Defense Information Technology Contracting Office (DITCO) payment related information, e.g., a local clause, local instructions, etc.</i></p> <p><i>2. DO NOT use for a FAR or DFARS payment related clause. Use either code FA or DF in that instance.</i></p>
KD	<p>Special Instructions Number</p> <p><i>1. Use to indicate a special instruction. Cite DITCO in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.</i></p> <p><i>2. DO NOT use this code when providing payment related special instructions. Use code H5 for that purpose.</i></p>
P4	<p>Project Code</p> <p><i>Use, in conjunction with N903, to indicate the name of the exercise, special plan, project, etc., applicable to an exercise.</i></p>
TOC	<p>Type of Comment</p> <p><i>Use, in conjunction with N903 and the 1/MSG/300</i></p>

				<p><i>segment, to specify the Purpose of the TSR. Identify the purpose of the text, e.g., TSR Purpose, in N903 and provide the text in the 1/MSG/300 segment.</i></p>
		X9	Internal Control Number	<p><i>Use to indicate the DCN control number for exercise circuits.</i></p>
		XY	Other Unlisted Type of Reference Number	<p><i>Use, in conjunction with N903, to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.</i></p>
	N902	127	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	N903	369	<b>Free-form Description</b>	<b>X AN 1/45</b>
			Free-form descriptive text	
			<p><i>1. Use, in conjunction with N901 code KD, P4, TOC and XY.</i></p> <p><i>2. When N901 is code DF or FA and the clause has a Modification, Variation, or Deviation, identify that condition by citing "VAR" for Modification and Variations, and "DEV" for Deviation.</i></p>	
	N904	373	<b>Date</b>	<b>O DT 8/8</b>
			Date expressed as CCYYMMDD	
			<i>Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.</i>	
Not Used	N905	337	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	N906	623	<b>Time Code</b>	<b>O ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	N907	C040	<b>Reference Identifier</b>	<b>O</b>
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
M	C04001	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	



			RQ	Purchase Requisition Number	
				<i>1. Use, in conjunction with REF01 code ACE, to indicate the Telecommunication Service Request (TSR) number that is to be worked simultaneously with the TSR being submitted in this award instrument.</i>	
				<i>2. Use N907-03 through N907-06 for additional TRS numbers. If more than 3 TSR numbers are required, repeat the 1/N9/295 segment as many times as necessary, citing code ACE in N901 and use N907 to provide the additional TSR numbers.</i>	
			URL	Uniform Resource Locator	
				<i>Use in conjunction with N901 code CJ, if needed, to identify where the full text of the DITCO clause can be found.</i>	
M	C04002	127	Reference Identification		M AN 1/30
				Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04003	128	Reference Identification Qualifier		X ID 2/3
				Code qualifying the Reference Identification	
			RQ	Purchase Requisition Number	
				<i>Use, in conjunction with N901 code ACE, to indicate the Telecommunication Service Request (TSR) number that is to be worked simultaneously with the TSR being submitted in this award instrument.</i>	
	C04004	127	Reference Identification		X AN 1/30
				Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	C04005	128	Reference Identification Qualifier		X ID 2/3
				Code qualifying the Reference Identification	
			RQ	Purchase Requisition Number	
				<i>Use, in conjunction with N901 code ACE, to indicate the Telecommunication Service Request (TSR) number that is to be worked simultaneously with the TSR being submitted in this award instrument.</i>	
	C04006	127	Reference Identification		X AN 1/30
				Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

<b>Segment:</b>	<b>MSG</b> Message Text
<b>Position:</b>	300
<b>Loop:</b>	N9 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1000
<b>Purpose:</b>	To provide a free-form format that allows the transmission of text information
<b>Syntax Notes:</b>	1 If MSG03 is present, then MSG02 is required.
<b>Semantic Notes:</b>	1 MSG03 is the number of lines to advance before printing.
<b>Notes:</b>	<p><i>1. Use this segment to carry the title or full text of any clause, or other text information associated with the qualifier code cited in N901 of the 1/N9/295 segment.</i></p> <p><i>2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.</i></p> <p><i>3. When providing fill-in information, the following format is recommended:</i></p> <p style="padding-left: 40px;"><i>a) In the first iteration of the segment, cite the clause title, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins contained in the clause followed by a second pipe sign to indicate the end of the title segment.</i></p> <p style="padding-left: 40px;"><i>b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments should begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign. When fill-in data is not provided, transmit only the sequential position of the fill-in and a blank before the pipe sign.</i></p> <p><i>4. The purpose of the pipe sign (/) is to provide an indication to receiving applications that the data string related to a single entry has been completed.</i></p> <p><i>An example of a clause with 3 fill-ins follows:</i></p> <p style="padding-left: 40px;"><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I/3/</i>  <i>MSG*1. 30/</i>  <i>MSG*2. 30 Sep 1995/</i>  <i>MSG*3. 15 Jan 1995/</i></p> <p><i>5. An example alternative format provides all fill-in information within the title MSG segment as follows:</i></p> <p style="padding-left: 40px;"><i>MSG*Commencement, Prosecution, and Completion of Work Alternate</i>  <i>I/3/30/Sep 30, 1995/Jan 15, 1995/</i></p>

*A blank MUST be transmitted between pipe signs where fill-in information is not provided.*

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>M</b>	<b>MSG01</b>	<b>933</b>	<b>Free-Form Message Text</b>	<b>M AN 1/264</b>
			Free-form message text	
<b>Not Used</b>	<b>MSG02</b>	<b>934</b>	<b>Printer Carriage Control Code</b>	<b>X ID 2/2</b>
			A field to be used for the control of the line feed of the receiving printer	
<b>Not Used</b>	<b>MSG03</b>	<b>1470</b>	<b>Number</b>	<b>O N0 1/9</b>
			A generic number	

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	310
<b>Loop:</b>	N1 Optional (Must Use)
<b>Level:</b>	Heading
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<b>1</b> At least one of N102 or N103 is required. <b>2</b> If either N103 or N104 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Notes:</b>	<p><b>1.</b> Use this segment to identify various entities applicable to the award instrument. For entities that apply to a line item, use the 2/N1/350 loop.</p> <p><b>2.</b> Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.</p> <p><b>3.</b> At least 2 iterations of this segment are <b>REQUIRED</b> using codes BY and SE.</p>

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		7D Contracting Officer Representative	
		<i>Includes the Communications Control Office (CCO).</i>	
		BY Buying Party (Purchaser)	
		C4 Contract Administration Office	
		PO Party to Receive Invoice for Goods or Services	
		<i>Use to indicate where the invoice should be sent.</i>	
		PR Payer	
		<i>Use to indicate the paying office.</i>	
		RI Remit To	
		<i>Use to indicate the place to send payment if it is different from the contractor's address, e.g., a bank, financial office location, etc.</i>	
		SE Selling Party	
		<i>Use to indicate the party receiving the award.</i>	
Not Rec	N102	93 Name	X AN 1/60
		Free-form name	

<b>Rec</b>	<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a Department of Defense or Civilian Agency Activity Address Code.</i>	
		33	Commercial and Government Entity (CAGE)	
		41	Telecommunications Carrier Identification Code <i>When this code is used, the code that is cited in N104 can be found in the DITCO Telecommunications Code List at URL <a href="http://www.disa.mil/pubs/index.html">http://www.disa.mil/pubs/index.html</a> under DITCO Publications.</i>	
<b>Rec</b>	<b>N104</b>	<b>67</b>	<b>Identification Code</b>	<b>X AN 2/80</b>
			Code identifying a party or other code	
<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>	<b>O ID 2/2</b>
			Code describing entity relationship	
<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual	

<b>Segment:</b>	<b>N2 Additional Name Information</b>
<b>Position:</b>	320
<b>Loop:</b>	N1 Optional (Must Use)
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	2
<b>Purpose:</b>	To specify additional names or those longer than 35 characters in length
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Notes:</b>	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60

<b>Segment:</b>	<b>N3</b> Address Information
<b>Position:</b>	330
<b>Loop:</b>	N1 Optional (Must Use)
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	2
<b>Purpose:</b>	To specify the location of the named party
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Notes:</b>	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

<b>Segment:</b>	<b>N4 Geographic Location</b>
<b>Position:</b>	340
<b>Loop:</b>	N1 Optional (Must Use)
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify the geographic place of the named party
<b>Syntax Notes:</b>	1 If N406 is present, then N405 is required.
<b>Semantic Notes:</b>	
<b>Notes:</b>	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
		<i>Cite the two position ISO 3166 country code.</i>		
Not Used	N405	309 Location Qualifier	X	ID 1/2
		Code identifying type of location		
Not Used	N406	310 Location Identifier	O	AN 1/30
		Code which identifies a specific location		



**Segment:** **PER** Administrative Communications Contact

**Position:** 360

**Loop:** N1 Optional (Must Use)

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify a person or office to whom administrative communications should be directed

**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Notes:** *Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.*

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		<i>Use to identify the various individuals who can be contacted regarding specific areas of this award instrument.</i>	
		AC Administrative Contracting Officer	
		<i>Use in conjunction with N101 code C4.</i>	
		BD Buyer Name or Department	
		<i>Use in conjunction with N101 code BY</i>	
		CD Contract Contact	
		<i>Use in conjunction with N101 code 7D to indicate a Contracting Officer's Representative.</i>	
		IC Information Contact	
		<i>Use in conjunction with any N101 code to indicate a general point of contact.</i>	
		PC Purchasing Contracting Officer (PCO)	
		<i>Use in conjunction with N101 code BY.</i>	
		SU Supplier Contact	
		<i>Use in conjunction with N101 code SE to indicate a contact within the selling party's organization.</i>	
	PER02	93 Name	O AN 1/60
		Free-form name	
		<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be</i>	

		<i>used to cite the party's office symbol, title, or position.</i>	
<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type of communication number	
		AU	Defense Switched Network
		EM	Electronic Mail
		FX	Facsimile
		TE	Telephone
<b>PER04</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
		Complete communications number including country or area code when applicable	
		<i>1. All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	
		<i>2. When PER03 is code AU or TE and an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.</i>	
<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type of communication number	
		AU	Defense Switched Network
		EM	Electronic Mail
		FX	Facsimile
		TE	Telephone
<b>PER06</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
		Complete communications number including country or area code when applicable	
		<i>1. All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	
		<i>2. When PER03 is code AU or TE and an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.</i>	
<b>PER07</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type of communication number	
		<i>See PER03 for the list of valid codes.</i>	
		AU	Defense Switched Network
		EM	Electronic Mail
		FX	Facsimile
		TE	Telephone
<b>PER08</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
		Complete communications number including country or area code when applicable	
		<i>1. All numbers, other than those associated with code EM, shall be</i>	

*transmitted as a continuous number with no extraneous characters.*

*2. When PER03 is code AU or TE and an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.*

<b>PER09</b>	<b>443</b>	<b>Contact Inquiry Reference</b>	<b>O AN 1/20</b>
		Additional reference number or description to clarify a contact number	
		<i>Use, if necessary, to provide the title or office symbol of the party cited in PER02.</i>	

**Segment:** **LM** **Code Source Information**  
**Position:** 430  
**Loop:** LM Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information

**Syntax Notes:****Semantic Notes:**

**Notes:** *Use this loop to provide data that cannot be provided by other means within this transaction set, e.g., field contract administration office data.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF	Department of Defense (DoD)
			FG	Federal Government
			When this code is used, cite "FP1" in LM02.	
	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
			When LM01 is code FG, the code contained in LQ02 comes from the Federal EDI Coding Manual, Federal Procurement Code List One (FP1). This code list can be found at http://www.fedebiz.gov, under Resources, Related Documents.	

<b>Segment:</b>	<b>LQ</b> Industry Code
<b>Position:</b>	440
<b>Loop:</b>	LM Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	>1
<b>Purpose:</b>	Code to transmit standard industry codes
<b>Syntax Notes:</b>	1 If LQ01 is present, then LQ02 is required.
<b>Semantic Notes:</b>	
<b>Notes:</b>	<i>Use this segment to identify codes contained in the code source associated with the qualifier code cited in LQ01.</i>

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		2 Type of Business Code	
		6 Special Contract Provision Code	
LQ02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	
		<i>Use to cite a code from the code list identified by the qualifier in LQ01 or the code list cited in LM02.</i>	

**Segment:** **PO1** **Baseline Item Data**

**Position:** 010

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify basic and most frequently used line item data

**Syntax Notes:**

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

**Semantic Notes:****Notes:**

1. *Use this PO1 loop to identify all information applicable to the line item or service being ordered.*
2. *Each item or service being ordered is a separate PO1 loop.*
3. *Non-recurring charges applicable to an item or service being ordered should be a miscellaneous charge. Cite code ZZ in PO106 and the literal "Misc. Charge" in the following PO107. Cite code E940 in SAC02 of the 2/SAC/130 segment to identify the miscellaneous charge as a non-recurring charge.*

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	<b><u>Attributes</u></b>
<b>PO101</b>	<b>350</b> <b>Assigned Identification</b>	<b>O AN 1/20</b>
	Alphanumeric characters assigned for differentiation within a transaction set	
	<i>Use to identify the Contract Line Item Number (CLIN) or the Sub Contract Line Item Number (SUBCLIN)</i>	
<b>PO102</b>	<b>330</b> <b>Quantity Ordered</b>	<b>X R 1/15</b>
	Quantity ordered	
	<i>Use to identify the quantity of the item being ordered.</i>	
<b>PO103</b>	<b>355</b> <b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	<i>Use any code.</i>	

		Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>PO104</b>	<b>212</b>	<b>Unit Price</b>	<b>X R 1/17</b>
		Price per unit of product, service, commodity, etc.	
		<i>When PO105 is either code NC, NS, or TB, enter the number 0.</i>	
<b>PO105</b>	<b>639</b>	<b>Basis of Unit Price Code</b>	<b>O ID 2/2</b>
		Code identifying the type of unit price for an item	
		CT	Contract
		<i>Use to indicate a price based on a tariff.</i>	
		ES	Estimated
		NC	No Charge
		NE	Not to Exceed
		NS	Not Separately Priced
		<i>Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.</i>	
		PM	Monthly Price Per Unit
		TB	To be negotiated.
<b>PO106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		PD	Part Number Description
		<i>Use to indicate the noun nomenclature of the item. DO NOT use to identify a service. Use code SV for service.</i>	
		SV	Service Rendered
		<i>Use to indicate (in text) the service being ordered.</i>	
		ZZ	Mutually Defined
		<i>Use to indicate a miscellaneous charge, e.g., transportation, insurance, warranty, taxes, etc. Cite "Misc. Charge" in the following 234 data element and identify the purpose of the charge using an appropriate code in SAC02 of the 2/SAC/130 segment. Miscellaneous charges, other than transportation charges, may be grouped in a single CLIN/SUBCLIN provided they are all funded by the same CIN. Transportation charges MUST be a separate CLIN/SUBCLIN.</i>	
<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

			EQ	Equipment Type		
			KF	Item Type Number		
			MN	Model Number		
	<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>			<b>X AN 1/48</b>
			Identifying number for a product or service			
	<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>			<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			EQ	Equipment Type		
			KF	Item Type Number		
			MN	Model Number		
	<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>			<b>X AN 1/48</b>
			Identifying number for a product or service			
	<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>			<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			EQ	Equipment Type		
			KF	Item Type Number		
			MN	Model Number		
	<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>			<b>X AN 1/48</b>
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>			<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>			<b>X AN 1/48</b>
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO116</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>			<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO117</b>	<b>234</b>	<b>Product/Service ID</b>			<b>X AN 1/48</b>
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO118</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>			<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO119</b>	<b>234</b>	<b>Product/Service ID</b>			<b>X AN 1/48</b>
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO120</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>			<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO121</b>	<b>234</b>	<b>Product/Service ID</b>			<b>X AN 1/48</b>
			Identifying number for a product or service			



<b>Not Used</b>	<b>PO122</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>PO123</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>PO124</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>PO125</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>

<b>Segment:</b>	<b>CN1 Contract Information</b>
<b>Position:</b>	025
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic data about the contract or contract line item
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 CN102 is the contract amount.</li> <li>2 CN103 is the allowance or charge percent.</li> <li>3 CN104 is the contract code.</li> <li>4 CN106 is an additional identifying number for the contract.</li> </ol>
<b>Notes:</b>	<i>Use this segment to identify the type of pricing arrangement that is applicable to a specific line item if it differs from the pricing arrangement applicable to the entire order. BEG09 identifies the pricing arrangement applicable to the entire order. BEG09 and the 2/CN1/025 segment can both be included in the transaction set, if needed.</i>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CN101	1166	Contract Type Code		M ID 2/2
			Code identifying a contract type		
			FR	Firm Fixed Price	
			FX	Fixed Price with Economic Price Adjustment	
Not Used	CN102	782	Monetary Amount		O R 1/18
			Monetary amount		
Not Used	CN103	332	Percent		O R 1/6
			Percent expressed as a percent		
Not Used	CN104	127	Reference Identification		O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	CN105	338	Terms Discount Percent		O R 1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
Not Used	CN106	799	Version Identifier		O AN 1/30
			Revision level of a particular format, program, technique or algorithm		

<b>Segment:</b>	<b>MEA</b> Measurements
<b>Position:</b>	049
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	40
<b>Purpose:</b>	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.</li> <li>2 If MEA05 is present, then MEA04 is required.</li> <li>3 If MEA06 is present, then MEA04 is required.</li> <li>4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.</li> <li>5 Only one of MEA08 or MEA03 may be present.</li> </ol>
<b>Semantic Notes:</b>	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
<b>Notes:</b>	<i>Use this segment to provide measurements applicable to the item or service being ordered.</i>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2

Code identifying the broad category to which a measurement applies

AM Capacity

*Use, in conjunction with MEA04-1 code EA, to indicate Switched Services Capacity, i.e., the total number of accesses between the demarcation point at the end user location and the DSN/DCTN switch.*

BT Batch Limits

*Use, in conjunction with MEA04-1 code 06, to indicate the quantity of out pulsed digits.*

CT Counts

*Use, in conjunction with MEA04-1 code CO and MEA04-4 code DA, WK, MO, or YR, to indicate the estimated average busy traffic volume.*

DE Defects

*1. Use to indicate the bit error rate, e.g., 1x10<sup>-7</sup> over 30 minutes.*

*2. Specify the value (e.g., 1x10<sup>-7</sup>) in MEA03. Cite code MJ in MEA04-01 and "30" in MEA04-03.*

EL Electrical Characteristics

*Use, in conjunction with MEA04-1 code 2P and MEA04-4 code 03, to indicate the modulation rate of a circuit.*

			RS	Response Time	
				<i>Use in conjunction with the 2/N1/350 segment, N101 is code J2, to indicate the time period for maintenance service. Identify the period in ME03/04.</i>	
Not Used	MEA02	738	Measurement Qualifier		O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies		
	MEA03	739	Measurement Value		X R 1/20
			The value of the measurement		
	MEA04	C001	Composite Unit of Measure		X
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	Unit or Basis for Measurement Code		M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		06	Digits		
			<i>Use in conjunction with MEA01 code BT.</i>		
		2P	Kilobyte		
			<i>Use, in conjunction with MEA01 code EL and MEA04-4 code 03.</i>		
		4L	Megabyte		
			<i>Use, in conjunction with MEA01 code EL and MEA04-4 code 03.</i>		
		C0	Calls		
			<i>Use, in conjunction with MEA01 code CT and MEA04-4 code DA, WK, MO, or YR to indicate the volume of calls per time period..</i>		
		EA	Each		
			<i>Use in conjunction with MEA01 code AM.</i>		
		HR	Hours		
			<i>Use in conjunction with MEA01, code RS.</i>		
		MJ	Minutes		
Not Used	C00102	1018	Exponent		O R 1/15
			Power to which a unit is raised		
	C00103	649	Multiplier		O R 1/10
			Value to be used as a multiplier to obtain a new value		
			<i>When MEA01 is code DE and MEA04-01 is code MJ, cite 30 in this data element.</i>		
	C00104	355	Unit or Basis for Measurement Code		O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		

			03	Seconds	
				<i>Use in conjunction with MEA04-1 code 2P.</i>	
			DA	Days	
				<i>Use in conjunction with MEA04-1 code C0.</i>	
			MO	Months	
				<i>Use in conjunction with MEA04-1 code C0.</i>	
			WK	Week	
				<i>Use in conjunction with MEA04-1 code C0.</i>	
			YR	Years	
				<i>Use in conjunction with MEA04-1 code C0.</i>	
Not Used	C00105	1018	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
Not Used	C00106	649	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
Not Used	C00109	649	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
Not Used	C00112	649	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
Not Used	C00115	649	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
Not Used	MEA05	740	<b>Range Minimum</b>		<b>X R 1/20</b>
			The value specifying the minimum of the measurement range		
Not Used	MEA06	741	<b>Range Maximum</b>		<b>X R 1/20</b>
			The value specifying the maximum of the measurement range		
Not Used	MEA07	935	<b>Measurement Significance Code</b>		<b>O ID 2/2</b>

Not Used	MEA08	936	Code used to benchmark, qualify or further define a measurement value <b>Measurement Attribute Code</b>	<b>X ID 2/2</b>
Not Used	MEA09	752	Code used to express an attribute response when a numeric measurement value cannot be determined <b>Surface/Layer/Position Code</b>	<b>O ID 2/2</b>
Not Used	MEA10	1373	Code indicating the product surface, layer or position that is being described <b>Measurement Method or Device</b> The method or device used to record the measurement	<b>O ID 2/4</b>

<b>Segment:</b>	<b>PID</b> <b>Product/Item Description</b>
<b>Position:</b>	050
<b>Loop:</b>	PID Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID04 is required.</li> <li>5 If PID09 is present, then PID05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> </ol>
<b>Notes:</b>	<i>Use this segment to provide information regarding the circuit or equipment that is being ordered.</i>

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic	O ID 2/3
Not Used	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values	X ID 2/2
Not Used	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

<b>Not Used</b>	<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response	<b>O ID 1/1</b>
<b>Not Used</b>	<b>PID09</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O ID 2/3</b>



<b>Segment:</b>	<b>PWK</b> Paperwork
<b>Position:</b>	070
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To identify the type or transmission or both of paperwork or supporting information
<b>Syntax Notes:</b>	<b>1</b> If either PWK05 or PWK06 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Notes:</b>	<i>Use this segment to identify documents that are either being sent separately to the contractor or documents the contractor is to provide.</i>

## Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>M</b>	<b>PWK01</b>	<b>755 Report Type Code</b>	<b>M ID 2/2</b>
		Code indicating the title or contents of a document, report or supporting item	
		AE Attachment	
			<i>Use to indicate an attachment that cannot be identified by another authorized code in this data element. When used, identify the attachment in PWK07.</i>
		SF Contract Security Classification Specification	
			<i>Use, in conjunction with PWK02 and PWK08-01 code PV, to indicate a DD Form 254.</i>
		WP Work Progress	
			<i>1. Use in conjunction with PWK02, PWK08-01 code 2, the 2/DTM/210 segment, DTM01 code 585, the 2/N9/330 segment, N901 code TOC, and the 2/N1/350 segment, N101 code ZD, to indicate a Progress Report.</i>
			<i>2.. When this code is used, there Must be at least one iteration of the 2/N1/350 segment with code ZD cited in N101. If more than one party is to receive the Progress Report, repeat the 1/N1/segment multiple times, identifying each recipient.</i>
		X3 Self-contained Report	
			<i>Use in conjunction with PWK02, PWK08-01 code 2, 2/N9/330, N901 code 12 and 2/N1/350, N101 code AO to indicate a Report of Service Activity (ROSA).</i>

X4 Summary Report

**1. Use in conjunction with PWK08-01 code 2, 2/N9/330, N901 code 12 and 2/N1/350, N101 code AO to indicate a call detail report.**

**2. When this code is used, cite 1, 2, or 3 in PWK07 to indicate the desired reporting option.**

<b>PWK02</b>	<b>756</b>	<b>Report Transmission Code</b>	<b>O ID 1/2</b>
		Code defining timing, transmission method or format by which reports are to be sent	
	AU	By Data Pattern	
		<b>Use to indicate CD-ROM with Perspective Software. This is the default media unless otherwise specified.</b>	
	BM	By Mail	
		<b>Use to indicate the USPS.</b>	
	DA	Data	
		<b>Use to indicate Write Once, Read Many (WORM).</b>	
	EL	Electronically Only	
		<b>Use to indicate an Electronic Bulletin Board.</b>	
	EM	E-Mail	
	FT	File Transfer	
		<b>Use to indicate File Transfer Protocol (FTP).</b>	
	FX	By Fax	
	IA	Electronic Image	
		<b>Use to indicate an URL where the information is to be placed. When this code is used, cite the URL in PWK07.</b>	
	MD	Mail Diskette	
		<b>Use to indicate 3.5 inch diskette.</b>	
	MN	Magnetic Media	
		<b>Use to indicate magnetic tape.</b>	
	MP	Mail Paper	
		<b>Use to indicate paper.</b>	
	OL	On-Line	
		<b>Use to indicate other on-line access to contractor's information systems.</b>	
<b>PWK03</b>	<b>757</b>	<b>Report Copies Needed</b>	<b>O N0 1/2</b>
		The number of copies of a report that should be sent to the addressee	
		<b>The number of copies is assumed to be 1 unless a greater number is specified in this data element.</b>	

<b>PWK04</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual	
		AO Account Of	
		<p><i>1. Use in conjunction with PWK01 codes X3 and X4 to indicate the party to whom the report should be sent. Identify the party in PWK05/06 using code 10 in PWK05.</i></p> <p><i>2. When this code is used, there MUST be a corresponding 2/N1/350 segment with N101 citing code AO, N103 citing code 10, and a complete address, including electronic, if appropriate, to which the report is to be sent.</i></p>	
		ZD Party to Receive Reports	
		<p><i>1. Use in conjunction with PWK01 code WP to indicate the party to whom the report should be sent. Identify the party in PWK05/06 using code 10 in PWK05.</i></p> <p><i>2. When this code is used, there MUST be a corresponding 2/N1/350 segment with N101 citing code ZD, N103 citing code 10, and a complete address, including electronic, if appropriate, to which the report is to be sent.</i></p>	
<b>PWK05</b>	<b>66</b>	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
		Code designating the system/method of code structure used for Identification Code (67)	
		10 Department of Defense Activity Address Code (DODAAC)	
<b>PWK06</b>	<b>67</b>	<b>Identification Code</b>	<b>X AN 2/80</b>
		Code identifying a party or other code	
<b>PWK07</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
		A free-form description to clarify the related data elements and their content	
		<p><i>1. Use in conjunction with PWK01 code AE and X4 and PWK02 code IA.</i></p> <p><i>2. When PWK01 is code AE, use to identify the attachment.</i></p> <p><i>3. When PWK01 is code X4, cite "1", "2", or "3" depending on the desired reporting option.</i></p> <p><i>4. When PWK02 is code IA, cite the URL.</i></p>	
<b>Must Use</b>	<b>PWK08</b>	<b>C002 Actions Indicated</b>	<b>O</b>

			Actions to be performed on the piece of paperwork identified	
<b>M</b>	<b>C00201</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>M ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
			2	Report to be Filed
			PV	Provided
			<i>Use in conjunction with PWK01 code SF.</i>	
<b>Not Used</b>	<b>C00202</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
<b>Not Used</b>	<b>C00203</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
<b>Not Used</b>	<b>C00204</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
<b>Not Used</b>	<b>C00205</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
<b>Not Used</b>	<b>PWK09</b>	<b>1525</b>	<b>Request Category Code</b>	<b>O ID 1/2</b>
			Code indicating a type of request	

**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information

**Position:** 130

**Loop:** SAC Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
  - 2 If either SAC03 or SAC04 is present, then the other is required.
  - 3 If either SAC06 or SAC07 is present, then the other is required.
  - 4 If either SAC09 or SAC10 is present, then the other is required.
  - 5 If SAC11 is present, then SAC10 is required.
  - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 7 If SAC14 is present, then SAC13 is required.
  - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 7 SAC16 is used to identify the language being used in SAC15.

**Notes:** *When PO106 in the 2/PO1/010 segment is code ZZ, at least one iteration of this segment is REQUIRED, with SAC02 citing an appropriate code that identifies the purpose of the miscellaneous charge.*

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		C Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		<i>Any code may be used but the following codes are most likely to be used:</i>	
		C850 Expedited Service Charge	

**D340** *Goods and Services Charge*  
**E192** *Labor, Overtime*  
**E940** *One Time Engineering Charge*  
*Use this code to indicate a non-recurring charge.*

**H850** *Tax*  
**I260** *Transportation, Direct Billing*

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	<b>Agency Qualifier Code</b>	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
Not Used	SAC05	610	<b>Amount</b>	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	SAC07	332	<b>Percent</b>	X	R 1/6
			Percent expressed as a percent		
Not Used	SAC08	118	<b>Rate</b>	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
Not Used	SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	SAC10	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	<b>Quantity</b>	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID 2/2
			Code indicating method of handling for an allowance or charge		
Not Used	SAC13	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	<b>Option Number</b>	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	SAC16	819	<b>Language Code</b>	O	ID 2/3

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

<b>Segment:</b>	<b>FOB</b> F.O.B. Related Instructions
<b>Position:</b>	180
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify transportation instructions relating to shipment
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If FOB03 is present, then FOB02 is required.</li> <li>2 If FOB04 is present, then FOB05 is required.</li> <li>3 If FOB07 is present, then FOB06 is required.</li> <li>4 If FOB08 is present, then FOB09 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 FOB01 indicates which party will pay the carrier.</li> <li>2 FOB02 is the code specifying transportation responsibility location.</li> <li>3 FOB06 is the code specifying the title passage location.</li> <li>4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Use this segment in conjunction with the 2/N1/350 segment , N101 codes IF and ST, to identify a FOB point for a line item.</i></li> <li>2. <i>This segment is not use when the line item is for services without deliverables.</i></li> </ol>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		DF Defined by Buyer and Seller	
		<i>Use this code only to satisfy the mandatory nature of this data element. The receiving application should not process this data. FOB terms are defined in the incorporated FOB FAR clause.</i>	
	FOB02	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
		DE Destination (Shipping)	
		OA Origin (After Loading on Equipment)	
		<i>Use to indicate FOB Origin with transportation charges prepaid by the seller and added as a separate item to the invoice. See FAR clause 52.247-32.</i>	
		OR Origin (Shipping Point)	
		TM Terminal	
		<i>Use, in conjunction with FOB03, to indicate that the FOB point for delivery outside the continental United States is located at a transportation</i>	



*terminal and not at origin or destination. FAR clauses 52.247-38, 52.247-39, or a similar FAR clause may apply.*

	<b>FOB03</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
			<i>Use, in conjunction with FOB02 code TM, to identify the location of the FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.</i>	
<b>Not Used</b>	<b>FOB04</b>	<b>334</b>	<b>Transportation Terms Qualifier Code</b>	<b>O ID 2/2</b>
			Code identifying the source of the transportation terms	
<b>Not Used</b>	<b>FOB05</b>	<b>335</b>	<b>Transportation Terms Code</b>	<b>X ID 3/3</b>
			Code identifying the trade terms which apply to the shipment transportation responsibility	
	<b>FOB06</b>	<b>309</b>	<b>Location Qualifier</b>	<b>X ID 1/2</b>
			Code identifying type of location	
			<i>1. Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.</i>	
			<i>2. When the inspection point differs, use the 2/LM/620 loop to identify the inspection point by coded means (Destination or Source). The 2/N1/350 loop, citing code L1 in N101, may be used to identify the inspection location in N103/N104 or in N1-N4 as a full address.</i>	
			DE	Destination (Shipping)
			OR	Origin (Shipping Point)
			ZZ	Mutually Defined
			<i>1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/350 loop, citing code 7M in N101.</i>	
			<i>2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/350 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.</i>	
<b>Not Used</b>	<b>FOB07</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
<b>Not Used</b>	<b>FOB08</b>	<b>54</b>	<b>Risk of Loss Code</b>	<b>O ID 2/2</b>
			Code specifying where responsibility for risk of loss passes	

<b>Not Used</b>	<b>FOB09</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content	

**Segment:** **DTM** **Date/Time Reference**

**Position:** 210

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify pertinent dates and times

**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Notes:** *Use this segment to identify dates associated with the item or service being ordered.*

#### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		106	Required By	
			<i>Use to indicate the Operational Service date.</i>	
		193	Period Start	
			<i>Use to indicate the start of a period of performance.</i>	
		194	Period End	
			<i>Use to indicate the end of a period of performance.</i>	
		585	Report	
			<i>Use in conjunction with the 2/PWK/070. PWK01 code WP, and the 2/N1/350 segment N101 code ZD, to indicate the date a Progress Report is due. Repeat this code to identify each date the report is due.</i>	
		996	Required Delivery	
			<i>Use to indicate the delivery is due on or before the specified date.</i>	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Use in conjunction with DTM02, code 106.</i>	

	<b>DTM04</b>	<b>623</b>	<b>Time Code</b>	<b>O ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			UT	Universal Time Coordinate
<b>Not Used</b>	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
			Code indicating the date format, time format, or date and time format	
<b>Not Used</b>	<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times	

**Segment: TD5 Carrier Details (Routing Sequence/Transit Time)****Position:** 250**Loop:** PO1 Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 12**Purpose:** To specify the carrier and sequence of routing and provide transit time information**Syntax Notes:** 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

3 If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

5 If TD513 is present, then TD512 is required.

6 If TD514 is present, then TD513 is required.

7 If TD515 is present, then TD512 is required.

**Semantic Notes:** 1 TD515 is the country where the service is to be performed.**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
Not Used	TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement	O ID 1/2
Not Used	TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
Not Used	TD503	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/80
	TD504	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used	TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
Not Used	TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	X ID 2/2
Not Used	TD507	309	<b>Location Qualifier</b> Code identifying type of location	O ID 1/2
Not Used	TD508	310	<b>Location Identifier</b> Code which identifies a specific location	X AN 1/30
Not Used	TD509	731	<b>Transit Direction Code</b>	O ID 2/2

			The point of origin and point of direction	
<b>Not Used</b>	<b>TD510</b>	<b>732</b>	<b>Transit Time Direction Qualifier</b>	<b>O ID 2/2</b>
			Code specifying the value of time used to measure the transit time	
<b>Not Used</b>	<b>TD511</b>	<b>733</b>	<b>Transit Time</b>	<b>X R 1/4</b>
			The numeric amount of transit time	
<b>Not Used</b>	<b>TD512</b>	<b>284</b>	<b>Service Level Code</b>	<b>X ID 2/2</b>
			Code indicating the level of transportation service or the billing service offered by the transportation carrier	
<b>Not Used</b>	<b>TD513</b>	<b>284</b>	<b>Service Level Code</b>	<b>X ID 2/2</b>
			Code indicating the level of transportation service or the billing service offered by the transportation carrier	
<b>Not Used</b>	<b>TD514</b>	<b>284</b>	<b>Service Level Code</b>	<b>O ID 2/2</b>
			Code indicating the level of transportation service or the billing service offered by the transportation carrier	
<b>Not Used</b>	<b>TD515</b>	<b>26</b>	<b>Country Code</b>	<b>O ID 2/3</b>
			Code identifying the country	

**Segment:** **PCT** Percent Amounts

**Position:** 276

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To qualify percent amounts and supply percent amounts

**Syntax Notes:**

**Semantic Notes:**

**Notes:** *Use this segment to identify the percent of interstate circuit use.*

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			CU	Capacity Used
				<i>Use to indicate the percentage of interstate usage of a circuit.</i>
M	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	
				<i>Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are suppressed).</i>

<b>Segment:</b>	<b>SPI</b> Specification Identifier
<b>Position:</b>	290
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To provide a description of the included specification or technical data items
<b>Syntax Notes:</b>	<b>1</b> If either SPI02 or SPI03 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Notes:</b>	<i>Use this segment to specify the security requirements applicable to this order. Contractor personnel <b>MUST</b> have a security clearance equivalent to the level cited in SPI01.</i>

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SPI01	786 Security Level Code	M ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following	
		<i>Use to identify the highest level of classified information to which the contractor will have access.</i>	
		92 Government Confidential	
		93 Government Secret	
		94 Government Top Secret	
		ZZ Mutually Defined	
		<i>Use to indicate a security level above top secret.</i>	
	SPI02	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		<i>Use when the security requirements applicable to this requirement are the same as those that pertain to an existing project/program/system.</i>	
		ABT Security Instrument Number	
		<i>Use to indicate a project/program number or system number whose security requirements apply to this leased service.</i>	
	SPI03	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	SPI04	790 Entity Title	O AN 1/132
		Title of the data entity	
		<i>Use to provide additional text information related to the security requirement.</i>	
Not Used	SPI05	791 Entity Purpose	O AN 1/80
		The reason for the existence of the data item specified by the electronic	



			data item independent of its presence in an EDI transaction	
Not Used	SPI06	792	<b>Entity Status Code</b>	O ID 1/1
			Code indicating the current status of the data item specified by the electronic data item	
Not Used	SPI07	353	<b>Transaction Set Purpose Code</b>	O ID 2/2
			Code identifying purpose of transaction set	
Not Used	SPI08	755	<b>Report Type Code</b>	O ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
Not Used	SPI09	786	<b>Security Level Code</b>	O ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	
Not Used	SPI10	559	<b>Agency Qualifier Code</b>	O ID 2/2
			Code identifying the agency assigning the code values	
Not Used	SPI11	822	<b>Source Subqualifier</b>	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
Not Used	SPI12	554	<b>Assigned Number</b>	O N0 1/6
			Number assigned for differentiation within a transaction set	
Not Used	SPI13	1322	<b>Certification Type Code</b>	O ID 1/1
			Code indicating the type of certification	
Not Used	SPI14	1401	<b>Proposal Data Detail Identifier Code</b>	O ID 1/3
			Code identifying the basis of a cited value in a proposal	
Not Used	SPI15	1005	<b>Hierarchical Structure Code</b>	O ID 4/4
			Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set	

<b>Segment:</b>	<b>QTY</b> Quantity
<b>Position:</b>	293
<b>Loop:</b>	QTY Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify quantity information
<b>Syntax Notes:</b>	<b>1</b> At least one of QTY02 or QTY04 is required. <b>2</b> Only one of QTY02 or QTY04 may be present.
<b>Semantic Notes:</b>	<b>1</b> QTY04 is used when the quantity is non-numeric.
<b>Notes:</b>	<b>1. Use this segment to identify the length of time that a leased service, e.g., a circuit, is required.</b>  <b>2. This segment is used when the actual commencement date for providing the leased service is not known. If the actual commencement date of the leased service is known, use the 2/DTM/210 segment with codes 193 and 194 or 996 in DTM01.</b>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier	Code specifying the type of quantity 5B Anticipated Length of Service	M ID 2/2
	QTY02	380	Quantity	Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure	To identify a composite unit of measure (See Figures Appendix for examples of use)	O
M	C00101	355	Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken DA Days MO Months WK Week YR Years	M ID 2/2
Not Used	C00102	1018	Exponent	Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier	Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent		O R 1/15

			Power to which a unit is raised	
Not Used	C00106	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	QTY04	61	<b>Free-Form Message</b>	X AN 1/30
			Free-form information	

<b>Segment:</b>	<b>N9</b>	<b>Reference Identification</b>
<b>Position:</b>	330	
<b>Loop:</b>	N9	Optional
<b>Level:</b>	Detail	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To transmit identifying information as specified by the Reference Identification Qualifier	
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N902 or N903 is required.</li> <li>2 If N906 is present, then N905 is required.</li> <li>3 If either C04003 or C04004 is present, then the other is required.</li> <li>4 If either C04005 or C04006 is present, then the other is required.</li> </ol>	
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 N906 reflects the time zone which the time reflects.</li> <li>2 N907 contains data relating to the value cited in N902.</li> </ol>	
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Use this loop to identify clauses or a statement of work (SOW), that applies to the line item. If the clauses or SOW, apply to the entire award instrument, use the 1/N9/295 segment.</i></li> <li>2. <i>When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.</i></li> <li>3. <i>When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date of the alternate MUST be cited in the following MSG segment.</i></li> <li>4. <i>This loop also may be used to provide text information related to the order. Cite code TOC in N901, the purpose of the text in N903, and the text information the 2/MSG/340 segment.</i></li> <li>5. <i>Additionally, this segment can be used to provide information related to the item or service being ordered. Special attention should be given to the notes associated with each code in N901.</i></li> </ol>	

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier
			Code qualifying the Reference Identification
		06	System Number
			<i>Use, in conjunction with the 2/LQ/630 segment, to indicate the telephone number associated with Abbreviated Dialing Privileges.</i>
		12	Billing Account
			<i>Use, in conjunction with 1/N1/350, N101 code AO, to indicate the Billing Hierarchy Number</i>

44	End Use Number <i>Use to indicate an operator assist telephone number.</i>
4L	Location-specific Services Reference Number <i>Use in conjunction with N907-1 code II, ALC, or AD; N907-3 code 0P; N907-5 code 3J; and the 2/MSG/340 segment, to indicate unique installation factors. Cite IF for Installation Factors in N902.</i>
6Y	Equipment Initial <i>Use, in conjunction with the 2/MSG/340 segment, to indicate the interface equipment at the user location. Cite INT in N902.</i>
73	Statement of Work (SOW) <i>Use to indicate the reference number for a SOW. If the SOW is to be included in this TS, use the 2/MSG/340 segment to provide the text of the SOW.</i>
8C	Third-party Organization (TPO) Authorization Number <i>Use, in conjunction with N907-01 code GP, to indicate the Allied Long Lines Agency (ALLA) Number.</i>
8R	Security Type <i>Use, in conjunction with the 2/MSG/340 segment, to indicate the type of cryptographic equipment at the user location. Cite CRP in N902.</i>
AAQ	Directory Number <i>Use to indicate the Precedence Access Threshold (PAT) table (00 through 15) affected by this order.</i>
AAW	Agency Assigned Number <i>Use to indicate an equipment Ringer Equivalency Number.</i>
AQ	Access Code <i>Use to indicate the access code to be dialed for DSN/DCTN/AUTOVON service</i>
BS	Split Booking Number <i>Use, in conjunction with the 2/LQ/630 segment, and N907-1 code TA, to indicate a Dual Access requirement. Cite DA for Dual Access in N902.</i>
CJ	Clause Number <i>1. Use to indicate a Defense Information Technology Contracting Office (DITCO) clause.</i>

	<p><b>2. DO NOT use for a DITCO payment related clause. Use code H5 in that instance.</b></p>
CT	<p>Contract Number</p> <p><i>Use to indicate number of the contract from which the item identified in the 2/PO1/010 segment is to be acquired.</i></p>
DF	<p>Defense Federal Acquisition Regulations (DFAR)</p> <p><i>If the DFARS (FAR) clause has a Modification, Variation or Deviation, identify that condition in N903 and provide the full clause text in the following MSG segment.</i></p>
EQ	<p>Equipment Number</p> <p><i>Use, in conjunction with the 2/MSG/340 segment to describe the terminal equipment at the user location. Cite TE in N902.</i></p>
FA	<p>Federal Acquisition Regulations (FAR)</p> <p><i>If the FAR clause has a Modification, Variation or Deviation, identify that condition in N903 and provide the full clause text in the following MSG segment.</i></p>
H5	<p>Special Clause</p> <p><i>1. Use this code to indicate Defense Information Technology Contracting Office (DITCO) payment related information, e.g., a local clause, local instructions, etc.</i></p> <p><i>2. DO NOT use for a FAR or DFARS payment related clause. Use either code FA or DF in that instance.</i></p>
KD	<p>Special Instructions Number</p> <p><i>1. Use to indicate a special instruction. Cite DITCO in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.</i></p> <p><i>2. DO NOT use this code when providing payment related special instructions. Use code H5.</i></p>
OF	<p>Operator Identification Number</p> <p><i>Use, in conjunction with the 2/LQ/630 segment, N903, and N907-1 code 06, CIR, or TA, to indicate a Rotary requirement. Cite RO for Rotary in N902.</i></p>
P4	<p>Project Code</p> <p><i>Use to indicate a special plan, project or exercise</i></p>

	<i>for which the circuit is being ordered. Cite the plan, project or exercise name in N903.</i>
Q8	Registration Number <i>Use to indicate an equipment's FCC Registration Number.</i>
QL	Service Authorization Number <i>Use to indicate an equipment Service Code.</i>
S3	Specification Number <i>1. Use to indicate the circuit specifications or conditioning code.</i>  <i>2. If the specification is a published specification and has a number, provide that number in N902. If the specification is to be provided as text, Cite SPEC in N903 and provide the text of the specification in the 2/MSG/340 segment.</i>  <i>3. If a conditioning code is provided, cite the code in N902 and provide the URL where the code can be found in N707-02 citing code URL in N907-01.</i>
TA	Telecommunication Circuit Supplemental ID <i>Use to indicate a Command Communications Service Designator (CCSD).</i>
TOC	Type of Comment <i>Use in conjunction with N903 and the 2/MSG/340 segment when it is necessary to get to the MSG segment to provide text. Identify in N903 the purpose of the text, e.g., Remarks, WATS (Wide Area Telephone Service), FAA Remarks, Directions, etc., and provide the text in the 2/MSG/340 segment.</i>
UV	Range Number <i>Use to indicate a range of 1000 numbers for class 'A' and 'C' stations that can receive incoming DSN/DCTN/AUTOVON calls. Cite the range in N902 using the following format 6987423-6988422.</i>
X9	Internal Control Number <i>Use to indicate the DCA Control Number for exercise circuits.</i>
XY	Other Unlisted Type of Reference Number <i>Use, in conjunction with N903, to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary,</i>

			<i>to pass text.</i>	
		ZZ	Mutually Defined	
			<i>Use in conjunction with N907-1/-3/-5 codes CIR, LU, N7, OW, SPL, and XY, to indicate diversity/avoidance information. Cite DIV in N902 and use the appropriate code in N907-1/-3/-5 to identify the specific diversity/avoidance information, i.e., circuits, CSAs, locations, networks or transmission media.</i>	
	N902	127	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	N903	369	<b>Free-form Description</b>	<b>X AN 1/45</b>
			Free-form descriptive text	
			<i>1. Use in conjunction with N901 code KD, P4, TOC, or XY.</i>	
			<i>2. When N901 is code DF or FA and the clause has a Modification, Variation, or Deviation, identify that condition by citing "VAR" for Modification and Variations, and "DEV" for Deviation.</i>	
	N904	373	<b>Date</b>	<b>O DT 8/8</b>
			Date expressed as CCYYMMDD	
			<i>Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.</i>	
Not Used	N905	337	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	N906	623	<b>Time Code</b>	<b>O ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	N907	C040	<b>Reference Identifier</b>	<b>O</b>
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
M	C04001	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	
		06	System Number	
			<i>Use, in conjunction with N901 code OF, to indicate a telephone number.</i>	
		1I	Department of Defense Identification Code (DoDIC)	



	<i>Use, in conjunction with N901 code 4L, to indicate the DoDAAC of the location affected by the installation factor.</i>
AD	Acceptable Source DUNS Number <i>Use, in conjunction with N901 code 4L, to indicate the DUNS number of the location affected by the installation factor.</i>
ALC	Agency Location Code <i>Use, in conjunction with N901 code 4L, to indicate the Facility Code of the location affected by the installation factor.</i>
CIR	Circuit Number <i>1. Use, in conjunction with N901 code ZZ, to indicate a circuit number to be avoided. Cite the last 4 characters of the CCSD.</i> <i>2. Use in conjunction with N901 code OF to indicate Commercial Communications Circuit numbers that are to be installed in rotary.</i> <i>3. Use this code a maximum of 3 times, once each in N907-01, N907-03, and N907-05 with qualifier code ZZ in N901, and as many times as necessary with qualifier code OF in N901.</i>
GP	Government Priority Number <i>Use, in conjunction with N901 code 8C, to indicate the associated restoration priority of a circuit which traverses or terminates in Europe.</i>
LU	Location Number <i>1. Use in conjunction with N901 code ZZ, to indicate a location in a foreign country. Cite either the 2 or 3 position ISO 3166 country code.</i> <i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i>
N7	Facility Network Identification Number <i>1. Use in conjunction with N901, N901 code ZZ, to indicate a network to be avoided, e.g., DISN.</i> <i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i>
OW	Service Order Number <i>1. Use in conjunction with N901 code ZZ, to indicate a CSA under which circuits are being</i>

				<i>provided that are to be avoided under this order.</i>
				<i>2. Use this code a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i>
		SPL	Standard Point Location Code (SPLC)	
				<i>1. Use, in conjunction with N901 code ZZ, to indicate a location in the United States. Cite a code from X12 Code Source 21, Continental Directory of Standard Point Location Codes (SPLC).</i>
				<i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i>
		TA	Telecommunication Circuit Supplemental ID	
				<i>Use, in conjunction with N901 code BS or OF, to indicate a Command Communications Service Designator (CCSD).</i>
		URL	Uniform Resource Locator	
				<i>Use in conjunction with code S3 in N901 when a conditioning code is provided in N902.</i>
		VQ	Related Contract Line Item Number	
				<i>Use, in conjunction with N901 code CT, to indicate the line item number in the specified contract.</i>
		XY	Other Unlisted Type of Reference Number	
				<i>1. Use in conjunction with N901 code ZZ and the 2/MSG/340 segment, to indicate a transmission media. Provide objections to satellite service in the 2/MSG/340 segment.</i>
				<i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i>
M	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
				<i>1. When N907-1 is code LU, cite a code from ISO 3166.</i>
				<i>2. When N907-1 is code SPL, cite a code from X12 Code Source 21.</i>
				<i>3. When N907-1 is any other code, cite the applicable reference.</i>
	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
		OP	Real Estate Owned Property Identifier	
				<i>Use, in conjunction with N907-1 code II, ALC, or AD, to indicate the building number at the location affected by the installation factor.</i>

CIR	<p>Circuit Number</p> <ol style="list-style-type: none"> <li><i>1. Use, in conjunction with N901 code ZZ, to indicate a circuit number to be avoided. Cite the last 4 characters of the CCSD.</i></li> <li><i>2. Use in conjunction with N901 code OF to indicate Commercial Communications Circuit numbers that are to be installed in rotary.</i></li> <li><i>3. Use this code a maximum of 3 times, once each in N907-01, N907-03, and N907-05 with qualifier code ZZ in N901, and as many times as necessary with qualifier code OF in N901.</i></li> </ol>
LU	<p>Location Number</p> <ol style="list-style-type: none"> <li><i>1. Use in conjunction with N901 code ZZ, to indicate a location in a foreign country. Cite either the 2 or 3 position the ISO 3166 country code.</i></li> <li><i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i></li> </ol>
N7	<p>Facility Network Identification Number</p> <ol style="list-style-type: none"> <li><i>1. Use in conjunction with N901, N901 code ZZ, to indicate a network to be avoided, e.g., DISN.</i></li> <li><i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i></li> </ol>
OW	<p>Service Order Number</p> <p><i>Use in conjunction with N901 code ZZ, to indicate a CSA number.</i></p>
SPL	<p>Standard Point Location Code (SPLC)</p> <ol style="list-style-type: none"> <li><i>1. Use, in conjunction with N901 code ZZ, to indicate a location in the United States. Cite a code from X12 Code Source 21, Continental Directory of Standard Point Location Codes (SPLC).</i></li> <li><i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i></li> </ol>
XY	<p>Other Unlisted Type of Reference Number</p> <ol style="list-style-type: none"> <li><i>1. Use in conjunction with N901 code ZZ and the 2/MSG/340 segment, to indicate a transmission media. Provide objections to satellite service in the 2/MSG/340 segment.</i></li> <li><i>2. This code may be used a maximum of 3 times,</i></li> </ol>

*once each in N907-01, N907-03, and N907-05.*

**C04004      127      Reference Identification      X      AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

*1. When N907-3 is code LU, cite a code from ISO 3166.*

*2. When N907-3 is code SPL, cite a code from X12 Code Source 21.*

*3. When N907-3 is any other code, cite the applicable reference.*

**C04005      128      Reference Identification Qualifier      X      ID 2/3**

Code qualifying the Reference Identification

3J      Office Number

*Use in conjunction with N907-5 code 0P, to indicate the room number in the building at the location affected by the installation factor.*

CIR      Circuit Number

*1. Use, in conjunction with N901 code ZZ, to indicate a circuit number to be avoided. Cite the last 4 characters of the CCSD.*

*2. Use in conjunction with N901 code OF to indicate Commercial Communications Circuit numbers that are to be installed in rotary.*

*3. Use this code a maximum of 3 times, once each in N907-01, N907-03, and N907-05 with qualifier code ZZ in N901, and as many times as necessary with qualifier code OF in N901.*

LU      Location Number

*1. Use in conjunction with N901 code ZZ, to indicate a location in a foreign country. Cite either the 2 or 3 position the ISO 3166 country code.*

*2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.*

N7      Facility Network Identification Number

*1. Use in conjunction with N901, N901 code ZZ, to indicate a network to be avoided, e.g., DISN.*

*2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.*

OW      Service Order Number

*Use in conjunction with N901 code ZZ, to indicate*

			<i>a CSA number.</i>
	SPL		Standard Point Location Code (SPLC)
			<p><i>1. Use, in conjunction with N901 code ZZ, to indicate a location in the United States. Cite a code from X12 Code Source 21, Continental Directory of Standard Point Location Codes (SPLC).</i></p> <p><i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i></p>
	XY		Other Unlisted Type of Reference Number
			<p><i>1. Use in conjunction with N901 code ZZ and the 2/MSG/340 segment, to indicate a transmission media. Provide objections to satellite service in the 2/MSG/340 segment.</i></p> <p><i>2. This code may be used a maximum of 3 times, once each in N907-01, N907-03, and N907-05.</i></p>
<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<p><i>1. When N907-5 is code LU, cite a code from ISO 3166.</i></p> <p><i>2. When N907-5 is code SPL, cite a code from X12 Code Source 21.</i></p> <p><i>3. When N907-5 is any other code, cite the applicable reference.</i></p>

<b>Segment:</b>	<b>MSG</b> Message Text
<b>Position:</b>	340
<b>Loop:</b>	N9 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1000
<b>Purpose:</b>	To provide a free-form format that allows the transmission of text information
<b>Syntax Notes:</b>	1 If MSG03 is present, then MSG02 is required.
<b>Semantic Notes:</b>	1 MSG03 is the number of lines to advance before printing.
<b>Notes:</b>	<p><i>1. Use this segment to carry the title or full text of any clause, or other text information associated with the qualifier code cited in N901 of the 2/N9/330 segment.</i></p> <p><i>2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.</i></p> <p><i>3. When providing fill-in information, the following format is recommended:</i></p> <p style="padding-left: 40px;"><i>a) In the first iteration of the segment, cite the clause title, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins contained in the clause followed by a second pipe sign to indicate the end of the title segment.</i></p> <p style="padding-left: 40px;"><i>b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments should begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign. When fill-in data is not provided, transmit only the sequential position of the fill-in and a blank before the pipe sign.</i></p> <p><i>4. The purpose of the pipe sign (/) is to provide an indication to receiving applications that the data string related to a single entry has been completed. An example of a clause with 3 fill-ins follows:</i></p> <p style="padding-left: 40px;"><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I/3/</i></p> <p style="padding-left: 40px;"><i>MSG*1. 30/</i></p> <p style="padding-left: 40px;"><i>MSG*2. 30 Sep 1995/</i></p> <p style="padding-left: 40px;"><i>MSG*3. 15 Jan 1995/</i></p> <p><i>5. An example alternative format provides all fill-in information within the title MSG segment as follows:</i></p> <p style="padding-left: 40px;"><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I/3/30/Sep 30, 1995/Jan 15, 1995/</i></p>

*A blank MUST be transmitted between pipe signs where fill-in information is not provided.*

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>M</b>	<b>MSG01</b>	<b>933</b>	<b>Free-Form Message Text</b>	<b>M AN 1/264</b>
			Free-form message text	
<b>Not Used</b>	<b>MSG02</b>	<b>934</b>	<b>Printer Carriage Control Code</b>	<b>X ID 2/2</b>
			A field to be used for the control of the line feed of the receiving printer	
<b>Not Used</b>	<b>MSG03</b>	<b>1470</b>	<b>Number</b>	<b>O N0 1/9</b>
			A generic number	

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	350
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<b>1</b> At least one of N102 or N103 is required. <b>2</b> If either N103 or N104 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Notes:</b>	<p><i>1. Use this loop to identify organizations or locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items.</i></p> <p><i>2. Organizations and locations may be identified by a code in N103/104 or by a full address in N102 and segments N2, N3, and N4 as applicable. Persons affiliated with organizations may be identified in the 2/PER/400 segment.</i></p>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		1J Connection	
			<i>Use to indicate the demarcation point. Identify the demarcation point at the highest level in N102 or by a code in N103/104. Use the N3 segment to identify lower levels of the demarcation point, e.g., building, room, etc.</i>
		7D Contracting Officer Representative	
			<i>Includes the Communications Control Office (CCO).</i>
		7M Inspection and Acceptance Location	
			<i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
		AF Authorized Accepting Official	
			<i>Use, in conjunction with the 2/PER/400 segment, PER01 code IC, to indicate a service acceptance entity.</i>
		AO Account Of	
			<i>Use, in conjunction with 2/N9/330, N901 code 12, to indicate the party for whom the billing hierarchy</i>



	<i>is completed.</i>
AV	Authorized To  <i>Use to indicate the government activity and position that is authorized to call up a circuit. Identify the activity, e.g., CINCPAC and the position, e.g., Ops Officer in N102. Use N103/104 to provide the DoDAAC of the activity.</i>
B4	Parent Company  <i>Use to indicate the billing parent agency. When this code is used, the 2/PWK/070 segment should cite code X4 in PWK01 and "1" in PWK07.</i>
GP	Gateway Provider  <i>Use to indicate the U.S. Gateway that must be used for leased transoceanic services.</i>
IF	International Freight Forwarder  <i>Use, in conjunction with the 2/FOB/180 segment, to indicate the freight forwarder for an overseas location to which equipment is to be shipped.</i>
J2	Authorized Entity  <i>1. Use, in conjunction with the 2/PER/400 segment, PER01 code AA, to indicate the Government entity that is authorized to call out restoration of a circuit.</i>  <i>2. When this code is used, the 2/MEA/049 segment may be used to indicate the maintenance period.</i>
KM	Coordinator  <i>1. Use to indicate the Government entity that will be the technical coordinator for connection of Government furnished equipment to leased circuits in Australia, New Zealand or other DCS geographic areas.</i>  <i>2. Identify the approval documentation in the 2/REF/390 segment, citing code 8C in REF01.</i>
KZ	Acceptance Location  <i>Use when the acceptance point is other than at origin or destination.</i>
L1	Inspection Location  <i>Use to indicate the inspection location when it has to be described as an address which is neither origin nor destination.</i>
MF	Manufacturer of Goods  <i>1. Use, in conjunction with the 2/REF/390</i>

	<i>segment. REF01 code MJ, to indicate the manufacturer of an existing PBX, PABX or attendant switchboard.</i>
	<i>2. Identify the manufacturer by name in N102 or by a DUNS number or CAGE code in N103/N104</i>
PV	Party performing certification <i>Use to indicate the entity certifying the call detail report.</i>
ST	Ship To <i>Use, in conjunction with the 2/FOB/180 segment, to indicate the location to which equipment is to be shipped. When this code is used, code PD should be cited in the 2/PO1/010 segment.</i>
SV	Service Performance Site <i>1. Use in conjunction with N103 code 10 or FA to indicate the location where a service is provided, i.e., the location of the terminal, end user, switch or node. Each service location MUST be identified in a separate CLIN or SUBCLIN.</i>  <i>2. Provide the full address of the location, including if applicable, city, state, zip code, street, building number, room number, highway intersection, latitude and longitude coordinates, etc.</i>  <i>3. This code MUST be repeated each time a specific location, e.g., a building, a room within a building, etc. is identified at a service location.</i>  <i>4. To provide a complete location address and associated information, use all applicable data elements and segments, i.e., N102, N2, N3, N4, and REF.</i>  <i>5. Use the 2/REF/390 segment to provide Latitude and Longitude information, if applicable, and to provide additional necessary information associated with the service location, e.g., building numbers and room numbers within buildings.</i>  <i>6. If directions to the service location must be provided, use the 2/N9/330 loop, citing code TOC in N901, the literal "DIRECTIONS" in N903, and the text directions in the following 2/MSG/340 segment.</i>

			Z7	Mark-for Party	
			ZD	Party to Receive Reports	
				<i>1. Use, in conjunction with the 2/PWK/070 segment, code WP, the 2/N9/330 segment N901 code TOC, to indicate the party to receive a progress report.</i>	
				<i>2. Repeat the 2/N1/350 segment with code ZD in N101 for each party to receive the report.</i>	
			ZZ	Mutually Defined	
				<i>Use, in conjunction with the 2/LQ/630 segment, to indicate the future terminating stations associated with Abbreviated Dialing Privileges.</i>	
	N102	93	Name		X AN 1/60
			Free-form name		
Rec	N103	66	Identification Code Qualifier		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
		1	D-U-N-S Number, Dun & Bradstreet		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		10	Department of Defense Activity Address Code (DODAAC)		
		20	Standard Point Location Code (SPLC)		
		33	Commercial and Government Entity (CAGE)		
		41	Telecommunications Carrier Identification Code		
			<i>When this code is used, the code that is cited in N104 can be found in the DITCO Telecommunications Code List at URL <a href="http://www.disa.mil/pubs/index.html">http://www.disa.mil/pubs/index.html</a> under DITCO Publications.</i>		
			FA	Facility Identification	
				<i>Use in conjunction with N101 code SV.</i>	
Rec	N104	67	Identification Code		X AN 2/80
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code		O ID 2/2
			Code describing entity relationship		
Not Used	N106	98	Entity Identifier Code		O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		

**Segment:** **N2 Additional Name Information**

**Position:** 360

**Loop:** N1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify additional names or those longer than 35 characters in length

**Syntax Notes:**

**Semantic Notes:**

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	
M	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

**Segment:** **N3** Address Information  
**Position:** 370  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Notes:**

*1. Use this segment to provide the street address.*

*2. When necessary, include the highway intersection, building number or other identification, floor number or room number, to properly identify the location. Directions may also be included.*

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N301	166 Address Information Address information	M AN 1/55
	N302	166 Address Information Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 380  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
		<i>When the address is a military overseas post office, cite APO or FPO as appropriate to identify an Army Post Office (APO) or Fleet Post Office (FPO).</i>		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		<i>Use codes AA (Armed Forces Americas), AE (Armed Forces Europe), or AP (Armed Forces Pacific) as appropriate for the military overseas post office.</i>		
N403	116	Postal Code	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
		<i>Cite the two or three position ISO 3166 country code.</i>		
Not Used	N405	309 Location Qualifier	X	ID 1/2
		Code identifying type of location		
Not Used	N406	310 Location Identifier	O	AN 1/30
		Code which identifies a specific location		

<b>Segment:</b>	<b>QTY</b> Quantity
<b>Position:</b>	383
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify quantity information
<b>Syntax Notes:</b>	<b>1</b> At least one of QTY02 or QTY04 is required. <b>2</b> Only one of QTY02 or QTY04 may be present.
<b>Semantic Notes:</b>	<b>1</b> QTY04 is used when the quantity is non-numeric.
<b>Notes:</b>	<b>1. Use, in conjunction with the 2/N1/350 segment, N101 code SV, to identify the number of required telephone extensions in a specified room at the user location or to identify the length of time that a leased service, e.g., a circuit, is required.</b>  <b>2. The 2/N1/350 loop, with N101 citing code SV, must be repeated to specify each extension location.</b>

## Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
		2Q	Installed Capacity	
			<i>Use to indicate the number of required telephone extensions.</i>	
		5B	Anticipated Length of Service	
	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>Use this data element in conjunction with QTY01, code 5B.</i>	
		DA	Days	
		MO	Months	
		WK	Week	
		YR	Years	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	

Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	QTY04	61	<b>Free-Form Message</b> Free-form information	X AN 1/30



<b>Segment:</b>	<b>REF</b> <b>Reference Identification</b>
<b>Position:</b>	390
<b>Loop:</b>	N1     Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	12
<b>Purpose:</b>	To specify identifying information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 REF04 contains data relating to the value cited in REF02.</li> </ol>
<b>Notes:</b>	<i>Use this segment in conjunction with the 1/N1/350 segment, N101 code SV, to provide additional information associated with the service location, e.g., Latitude and Longitude, building numbers, room numbers, numbering plan area codes, etc.</i>

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		0P	Real Estate Owned Property Identifier
			<ol style="list-style-type: none"> <li>1. Use in conjunction with the 2/N1/350 segment, N101 code SV, and REF04-1 code 3J, to indicate the building number where extensions are to be installed.</li> <li>2. To relate the number of extensions to be installed in a specific location, e.g., a room, each building and associated room number must be identified in a separate iteration of the 2/N101/350 loop with N101 citing code SV.</li> </ol>
		1J	Facility ID Number
			Use, in conjunction with the 2/N1/350 segment, N101 code SV, to indicate a Facility Interface Code.
		55	Sequence Number
			Use, in conjunction with the 2/N1/350 segment, N101 code SV, to indicate the Numbering Plan Area (NPA) code.
		8C	Third-party Organization (TPO) Authorization Number
			<ol style="list-style-type: none"> <li>1. Use in conjunction with 2./N1/350, N101 code KM to indicate the approval documentation for connection of U.S. Government furnished equipment to leased circuits in Australia, New Zealand or DCS geographic areas 3, 4, 5, or 6.</li> </ol>

			<b>2. Identify the documentation in REF03.</b>	
	ACD	Class Code	<i>Use in conjunction with the 2/N1/350 segment, N101 code SV, to indicate Port Class Identifier.</i>	
	ALC	Agency Location Code	<i>Use, in conjunction with the 2/N1/350 segment, N101 code SV, when N103 is any code other than code FA.</i>	
	FSN	Assigned Sequence Number	<i>Use, in conjunction with the 2/N1/350 segment, N101 code SV, to indicate the Location Exchange number (NXX).</i>	
	LK	Longitude expressed in Degrees, Minutes and Seconds	<i>Use, in conjunction with the 2/N1/350 segment, N101 code SV, to identify the longitude of the service location.</i>	
	LQ	Latitude Expressed in Degrees, Minutes and Seconds	<i>Use, in conjunction with the 2/N1/350 segment, N101 code SV, to identify the latitude of the service location.</i>	
	MJ	Model Number	<p><b>1. Use, in conjunction with the 2/N1/350 segment N101 code MF to indicate the model number of a PBX, PABX or Attendant switchboard. Provide the model number in REF02 and specify the type of PBX, PABX or Attendant switchboard in REF03.</b></p> <p><b>2. Identify whether the PABX is government owned or leased by citing code ACD in REF04-03 and either code 'O' or 'L' in REF04-04.</b></p>	
	XE	Transportation Priority Number	<i>Use, in conjunction with the 2/N1/350 segment, N101 code ST, to indicate the shipping priority.</i>	
<b>REF02</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
A free-form description to clarify the related data elements and their content				
<i>Use in conjunction with REF01 code KM and MJ.</i>				
<b>REF04</b>	<b>C040</b>	<b>Reference Identifier</b>	<b>O</b>	
To identify one or more reference numbers or identification numbers as				

			specified by the Reference Qualifier		
<b>M</b>	<b>C04001</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>M</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification		
			3J	Office Number	
			<i>Use, in conjunction with REF01 code 0P to indicate a room number.</i>		
<b>M</b>	<b>C04002</b>	<b>127</b>	<b>Reference Identification</b>	<b>M</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	<b>C04003</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification		
			ACD	Class Code	
			<i>Use, in conjunction with REF04-01 code MJ, to indicate whether the PABX is owned or leased. Cite code 'O' for owned or code 'L' for leased in REF04-04.</i>		
	<b>C04004</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification		
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

**Segment:** **PER** Administrative Communications Contact  
**Position:** 400  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed

**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Notes:** *Use this segment to identify points of contact associated with the entity cited in the 2/N1/350 segment.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
M	PER01	366	<b>Contact Function Code</b>	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			AA	Authorized Representative
				<i>Use, in conjunction with the 2/N1/350 segment, N101 code J2 and PER09, to indicate the position authorized to request circuit restoration.</i>
			AL	Alternate Contact
				<i>Use, in conjunction with the 2/ N1/350 segment, N101 code SV.</i>
			BL	Technical Department
				<i>Use, in conjunction with the 2/N1/350 segment, N101 code SV.</i>
			CE	Certifier
				<i>Use in conjunction with N101 code PV.</i>
			IC	Information Contact
				<i>Use, in conjunction with the 2/N1/350 segment, N101 code KM and KZ.</i>
			RE	Receiving Contact
				<i>Use in conjunction with the 2/N1/350 segment, N101 code ST.</i>
	PER02	93	<b>Name</b>	O AN 1/60
			Free-form name	
				<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters,</i>

		<i>the use of initials for the first name is recommended. PER09 may be used to cite the party's title or office code.</i>	
PER03	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		AU	Defense Switched Network
		TE	Telephone
PER04	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>All communication numbers shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code where needed. If an extension applies to a telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.</i>	
PER05	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>See PER03 for the list of valid codes.</i>	
		FX	Facsimile
PER06	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>The fax number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code.</i>	
PER07	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>See PER03 for the list of valid codes.</i>	
		EM	Electronic Mail
PER08	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>All communication numbers shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code where needed. If an extension applies to a telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.</i>	
PER09	443	Contact Inquiry Reference	O AN 1/20
		Additional reference number or description to clarify a contact number	
		<i>Use, if necessary, to provide the title, position or office symbol of the party.</i>	

**Segment:** **SCH** Line Item Schedule**Position:** 415**Loop:** N1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 200**Purpose:** To specify the data for scheduling a specific line-item

- Syntax Notes:**
- 1 If SCH03 is present, then SCH04 is required.
  - 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
  - 3 If SCH09 is present, then SCH08 is required.
  - 4 If SCH10 is present, then SCH08 is required.

**Semantic Notes:** 1 SCH12 is the schedule identification.

**Notes:** *Use this segment in conjunction with the 2/N1/350 segment, N101 code SV, to identify delivery or performance dates associated with the item or service being ordered.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>M</b>	<b>SCH01</b>	<b>380 Quantity</b>	<b>M R 1/15</b>
		Numeric value of quantity	
<b>M</b>	<b>SCH02</b>	<b>355 Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>Use any code.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>SCH03</b>	<b>98 Entity Identifier Code</b>	<b>O ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual	
<b>Not Used</b>	<b>SCH04</b>	<b>93 Name</b>	<b>X AN 1/60</b>
		Free-form name	
<b>M</b>	<b>SCH05</b>	<b>374 Date/Time Qualifier</b>	<b>M ID 3/3</b>
		Code specifying type of date or time, or both date and time	
		106 Required By	
		<i>Use to indicate the operational service date.</i>	
		193 Period Start	
		<i>Use to indicate the start of a period of performance.</i>	
		996 Required Delivery	
		<i>Use to indicate the delivery is due on or before the specified date.</i>	
<b>M</b>	<b>SCH06</b>	<b>373 Date</b>	<b>M DT 8/8</b>
		Date expressed as CCYYMMDD	
	<b>SCH07</b>	<b>337 Time</b>	<b>O TM 4/8</b>

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

*Cite the date in Universal Time format.*

	<b>SCH08</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>X</b>	<b>ID 3/3</b>
			Code specifying type of date or time, or both date and time		
			194		Period End
					<i>Use to indicate the end of a period of performance.</i>
	<b>SCH09</b>	<b>373</b>	<b>Date</b>	<b>X</b>	<b>DT 8/8</b>
			Date expressed as CCYYMMDD		
<b>Not Used</b>	<b>SCH10</b>	<b>337</b>	<b>Time</b>	<b>X</b>	<b>TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
<b>Not Used</b>	<b>SCH11</b>	<b>326</b>	<b>Request Reference Number</b>	<b>O</b>	<b>AN 1/45</b>
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		
<b>Not Used</b>	<b>SCH12</b>	<b>350</b>	<b>Assigned Identification</b>	<b>O</b>	<b>AN 1/20</b>
			Alphanumeric characters assigned for differentiation within a transaction set		

**Segment:** **AMT** Monetary Amount  
**Position:** 600  
**Loop:** AMT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Notes:** *Use this segment to provide the line item total amount and obligated amounts associated with an ACRN and Commitment Identification Number (CIN).*

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount 1 Line Item Total <i>Use to indicate the line item total amount.</i> KC Obligated <i>Use in conjunction with REF01 code AX and CNO.</i>	M ID 1/3
M	AMT02	782	Monetary Amount Monetary amount	M R 1/18
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O ID 1/1



<b>Segment:</b>	<b>REF</b> <b>Reference Identification</b>
<b>Position:</b>	610
<b>Loop:</b>	AMT Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify identifying information
<b>Syntax Notes:</b>	<b>1</b> At least one of REF02 or REF03 is required. <b>2</b> If either C04003 or C04004 is present, then the other is required. <b>3</b> If either C04005 or C04006 is present, then the other is required.
<b>Semantic Notes:</b>	<b>1</b> REF04 contains data relating to the value cited in REF02.
<b>Notes:</b>	<i>Use this segment to identify an ACRN and CIN applicable to an amount cited in AMT02.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b>	M ID 2/3
			Code qualifying the Reference Identification	
			AX Government Accounting Class Reference Number (ACRN)	
			CNO Commitment Number	
			<b>1. Use, in conjunction with AMT01 code KC, to indicate the Commitment Identification Number (CIN) associated with the obligated amount.</b>	
			<b>2. The CIN is a unique number associated with a specific Line of Accounting (LOA) and used to record and track a commitment in the accounting system.</b>	
			<b>3. The CIN can be no larger than 30 characters.</b>	
	REF02	127	<b>Reference Identification</b>	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	REF03	352	<b>Description</b>	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	<b>Reference Identifier</b>	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	<b>Reference Identification Qualifier</b>	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	<b>Reference Identification</b>	M AN 1/30

			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Not Used</b>	<b>C04003</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
			Code qualifying the Reference Identification	
<b>Not Used</b>	<b>C04004</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
			Code qualifying the Reference Identification	
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** **LM** **Code Source Information**  
**Position:** 620  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Notes:** *Use this segment to identify the external code list, Defense Telecommunication Code List (DTCL), maintained by the Defense Information Technology Contracting Organization (DITCO)*

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		DF Department of Defense (DoD)	
		<i>Use to indicate that the code list identified in LM02 is maintained by DITCO for the DOD.</i>	
	LM02	822 Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
		<i>Use, in conjunction with LM01 to identify the Defense Telecommunication Code List maintained by DITCO. The code cited in LQ02 is found in this code list at <a href="http://www.disa.mil/pubs/index.html">http://www.disa.mil/pubs/index.html</a> under DITCO Publications. Cite the letters DTCL.</i>	

<b>Segment:</b>	<b>LQ</b> Industry Code
<b>Position:</b>	630
<b>Loop:</b>	LM Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	>1
<b>Purpose:</b>	Code to transmit standard industry codes
<b>Syntax Notes:</b>	1 If LQ01 is present, then LQ02 is required.
<b>Semantic Notes:</b>	
<b>Notes:</b>	<i>Use this segment to provide codified information from the Defense Telecommunications Code List (DTCL) or from the code list associated with the qualifier code cited in LQ01.</i>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>LQ01</b>	<b>1270</b>	<b>Code List Qualifier Code</b>		<b>O ID 1/3</b>
			Code identifying a specific industry code list	
			7 Quality Assurance Site Code	
<b>LQ02</b>	<b>1271</b>	<b>Industry Code</b>		<b>X AN 1/30</b>
			Code indicating a code from a specific industry code list	
			<b>1. Use to cite a code found in DTCL or the code associated with the qualifier code cited in LQ01.</b>	
			<b>2. The following type codes from the DTCL should be cited in this data element:</b>	
			<ul style="list-style-type: none"> <li>- Type Operation code</li> <li>- Service Availability code</li> <li>- Signaling Mode code</li> <li>- Termination code</li> <li>- Maximum Calling Area Indicator code</li> <li>- Maximum Calling Area Precedence code</li> <li>- Dual Access indicator</li> <li>- Rotary indicator</li> <li>- Line-Load Control code</li> <li>- Abbreviated Dialing indicator</li> <li>- Conference Service code</li> <li>- Incoming Preemption indicator</li> <li>- Hunt Sequence indicator</li> <li>- Transmission Media/Rout code</li> <li>- Inside Wire Installation indicator</li> <li>- Inside Wire Maintenance indicator</li> <li>- Leak indicator</li> </ul>	
			<b>3. When a Dual Access indicator is cited in this data element, there</b>	

*must be a corresponding 2/N9/330 segment with N901 citing code BS.*

*4. When a Rotary indicator is cited in this data element, there must be a corresponding 2/N9/330 segment with N901 citing code OF.*

*5. When an Abbreviated Dialing indicator is cited in this data element, there must be a corresponding 2/N9/330 segment with N901 citing code 06. Alternatively, a corresponding 2/N1/350 segment may be required with N101 citing code ZZ.*

**Segment:** **CTT Transaction Totals**  
**Position:** 010  
**Loop:** CTT Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.

**Semantic Notes:****Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set <i>Use to identify the total number of PO1 segments in this transaction set.</i>	M N0 1/6
	CTT02	347	<b>Hash Total</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. <i>Use to identify the sum of the quantities (PO102) for all PO1 segments.</i>	O R 1/10
Not Used	CTT03	81	<b>Weight</b> Numeric value of weight	X R 1/10
Not Used	CTT04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT05	183	<b>Volume</b> Value of volumetric measure	X R 1/8
Not Used	CTT06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80

**Segment:** **AMT** Monetary Amount  
**Position:** 020  
**Loop:** CTT Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Notes:** *Use this segment to identify the total amount of the order.*

## Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
<b>M</b>	<b>AMT01</b>	<b>522</b>	<b>Amount Qualifier Code</b>	<b>M ID 1/3</b>
			Code to qualify amount	
			TT Total Transaction Amount	
<b>M</b>	<b>AMT02</b>	<b>782</b>	<b>Monetary Amount</b>	<b>M R 1/18</b>
			Monetary amount	
<b>Not Used</b>	<b>AMT03</b>	<b>478</b>	<b>Credit/Debit Flag Code</b>	<b>O ID 1/1</b>
			Code indicating whether amount is a credit or debit	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**  
**Semantic Notes:**

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>M</b>	<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
<b>M</b>	<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>The value of the data element in SE02 in the Transaction Set Trailer (SE) must match the value of this same data element in ST02 in the Transaction Set Header (ST)</i>	